

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL LEASE DESIGNATION AND SERIAL NO.
UTU-72107

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW SE Section 10, T9S, R16E 1980' FSL, 1980' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah approximately 10 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,800'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, ET, GR, etc.)

GL 5646.4'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

TITLE

Regulatory and OIL, GAS & MINING
Environmental Specialist

DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO.

43-013-31722

APPROVAL DATE

APPROVED BY

John Markley

TITLE

John Markley

DATE

11/25/96

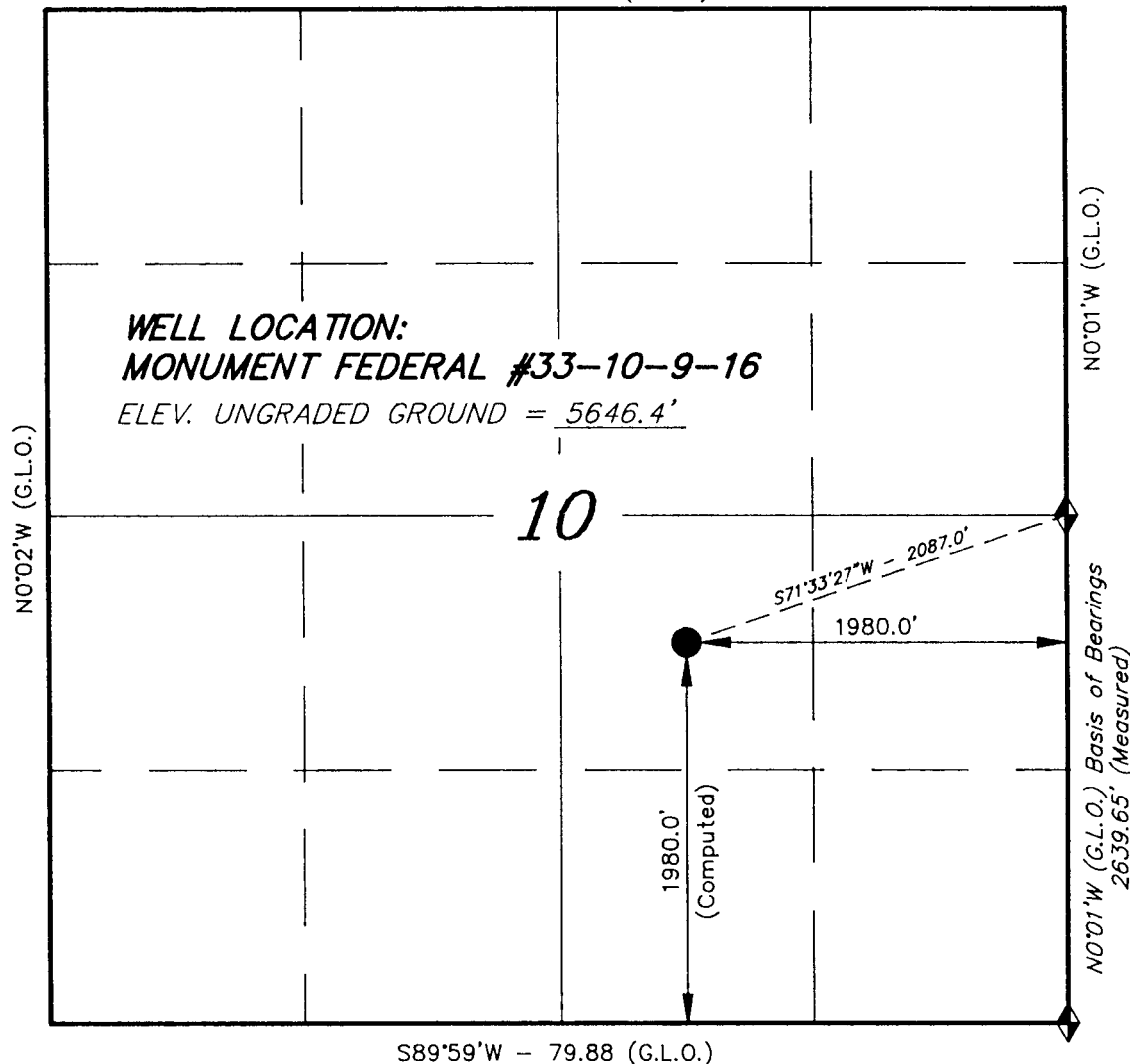
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

K

T9S, R16E, S.L.B.&M.

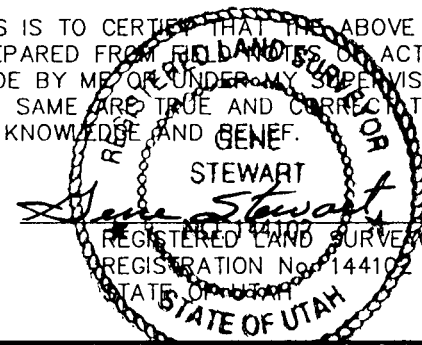
S89°54'W - 79.90 (G.L.O.)

**EQUITABLE RESOURCES ENERGY CO.**

WELL LOCATION, MONUMENT FEDERAL
#33-10-9-16, LOCATED AS SHOWN IN
THE NW 1/4 SE 1/4 OF SECTION 10,
T9S, R16E, S.L.B.&M. DUCHESNE
COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 9-8-96	WEATHER: WARM
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

CONFIDENTIAL

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF
THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD
ALLOWED BY FEDERAL AND STATE REGULATIONS.**

**Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM
- M GAS GATHERING PIPELINE ROW APPLICATION

9/25/96

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #33-10-9-16
NW SE Section 10, T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:**

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

B

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #33-10-9-16
NW SE SECTION 10, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' North and 200' & 250' East.
- B. The Monument Federal #33-10-9-16 is located 13 miles Southwest of Myton Utah in the NW1/4 SE1/4 Section 10, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 33-10-9-16, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 10.1 miles to a road intersection, turn right and continue 4.6 miles to the proposed access road sign. Follow flags 300 feet to proposed location 43-10-9-16. Continue following flags 0.3 miles to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 300 feet of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - none.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act "Rules" and Regulations will be excluded from this painting requirement.

C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.

G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

- B. No water well will be drilled on this location.

6. Source of Construction Materials

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.
- B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

- C. All surface disturbance area is on B.L.M. lands.
- D. There are no trees on this location.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the Southwest side of location. Access will be from the Southwest between corner #5 and corner #6. Corner #8 will be rounded to avoid excess fill.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
 - 3. All wire shall be stretched, by using a stretching

device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:

(c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at

the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 - 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 - 2. There are no occupied dwellings in the immediate area
 - 3. An archaeological report will be forwarded upon completion.
 - 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 - 5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery,

Home (406)248-3864

Dale Griffin,

Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

September 27, 1996

Date

Bobbie Schuman

**Bobbie Schuman
Coordinator of Environmental
and Regulatory Affairs
Equitable Resources Energy Co.**



Well Prognosis

Well Name <u>Monument Fed. #33-10-9-16</u>				Control Well	
Location <u>NW/SE Sec. 10-T9S-R16E (1980 fsl, 1980 fel)</u>				Operator <u>EREC</u>	
County/State <u>Duchesne County, Utah</u>				Well Name <u>BMF 34-10J</u>	
Field <u>Mon. Butte</u>		Well Type <u>Dev.</u>		Location <u>SW/SE Sec. 10</u>	
GL (Ung)	<u>5646.4</u>	EST. KB	<u>5657</u>	Total Depth	<u>5800</u>
				KB <u>5726</u>	

Formation Tops		Prognosis		Sample Top		Control Well	High/Low	
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation
UINTA	surface							
GREEN RIVER	1588	4069			4129			
HORSEBENCH SS	2192	3465			3525			
2ND GARDEN GULCH	3875	1782			1842			
Y-2 (PAY)	4180	1477			1537			
YELLOW MARKER	4507	1150			1210			
Y-6 (PAY)	4580	1077			1137			
DOUGLAS CREEK	4665	992			1052			
R-1 (PAY)	4692	965			1025			
R-5 (PAY)	4856	801			861			
2ND DOUGLAS CREEK	4901	756			816			
G-IL (PAY)	5006	651			711			
GREEN MARKER	5049	608			668			
BLACK SHALE FACIES	5324	333			393			
CARBONATE MARKER	5529	128			188			
B-1 (PAY)	5568	89			149			
TD	5800							

Samples

50' FROM 1500' TO 4100'
 20' FROM 4100' TO TD
 5' THROUGH EXPECTED PAY
 5' THROUGH DRILLING BREAKS

DST,s

DST #1 NONE
 DST #2 _____
 DST #3 _____
 DST #4 _____

Wellsite Geologist

Name: _____
 From: _____ To: _____
 Address: _____
 Phone # _____ wk.
 _____ hm.
 Fax # _____

Logs

DLL FROM SURF CSNG TO TD
 LDT/CNL FROM 3800' TO TD

Cores

Core #1 _____
 Core #2 _____
 Core #3 _____
 Core #4 _____

Mud Logger

Company: _____
 From: 1500' To: TD
 Type: 2-MAN
 Logger: _____
 Phone # _____
 Fax # _____

Comments:

Report To: 1st Name: DAVE BICKERSTAFF
 2nd Name: KEVEN REINSCHMIDT

Phone # (406)259-7860 wk. (406)245-2261 hm.
 Phone # (406)259-7860 wk. (406)248-7026 hm.
 Phone # _____ wk. _____ hm.

Prepared By: BICKERSTAFF 9/5/96



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

DRILLING PROGRAM

WELL NAME: Monument Federal #33-10-9-16 DATE: 9-26-96
PROSPECT/FIELD: Monument Butte
LOCATION: NW/SE Section 18 Twn.9S Rge.16E
COUNTY: Duchesne
STATE: Utah

TOTAL DEPTH: 5800'

HOLE SIZE INTERVAL

12 1/4" Surface to 260'
7 7/8" 260' to 5800'

CASING

INTERVAL

CASING

STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5800'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing 150 sacks class"G" with 2% CaCl and 1/4 lb/sack Flocele.
(Cement will be circulated to surface.)

Production Casing 205 sacks 28:72 Poz. (28% POZ: 72% Class"C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd =3.30 Cu.Ft/Sk Comp. Stght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ(50% POZ: 50% Class"G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700)
(Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

D

Operator: EREC	Well Name: MF 33-10-9-16
Project ID:	Location: Duchesne / Utah

Design Parameters:

Mud weight (8.70 ppg) : 0.452 psi/ft
 Shut in surface pressure : 2041 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,800	5-1/2"	15.50	K-55	ST&C	5,800	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2621	4040	1.541	2621	4810	1.84	89.90	222 2.47 J

Prepared by : *McCoskery, Billings, Montana*

Date : 09-26-1996

Remarks :

Design is for a Production string.

Minimum segment length for the 5,800 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.452 psi/ft and 2,621 psi, respectively.

NOTE : The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT "E"

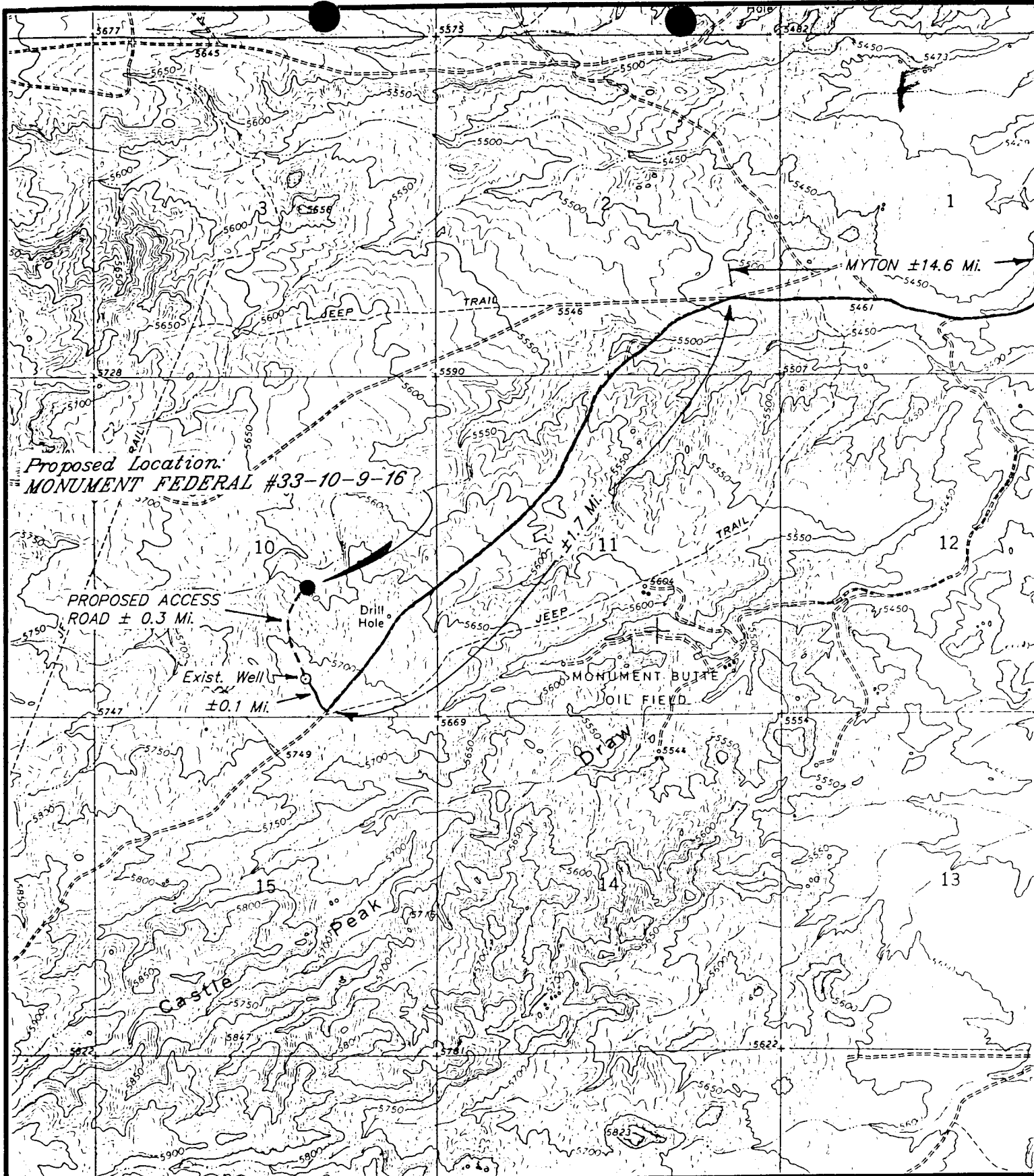
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

3/28/95
/rs



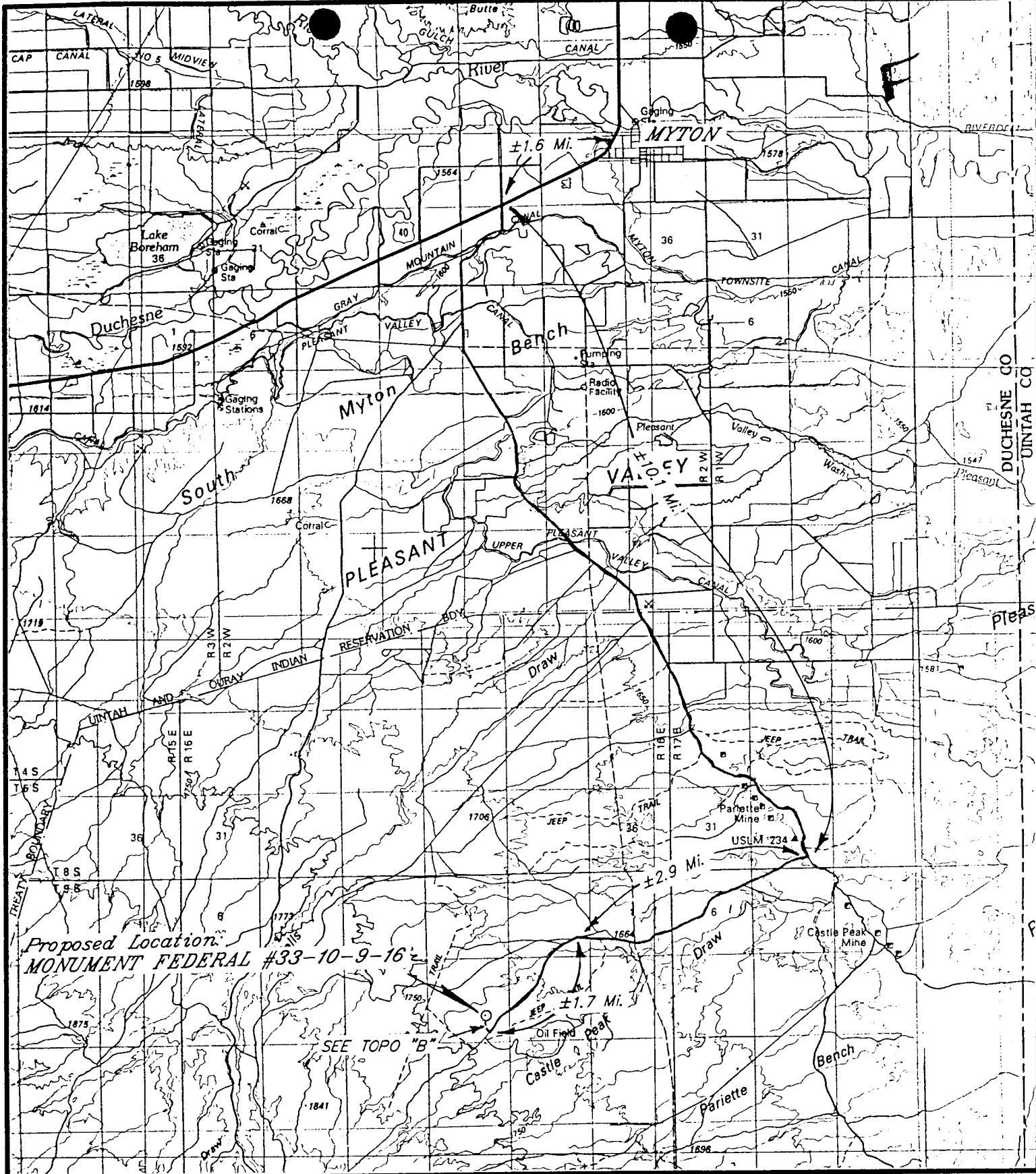
EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #33-10-9-16
SEC. 10, T9S, R16E, S.L.B.&M.
TOPO "B"



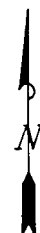
SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #33-10-9-16
SEC. 10, T9S, R16E, S.L.B.&M.
TOPO "A"

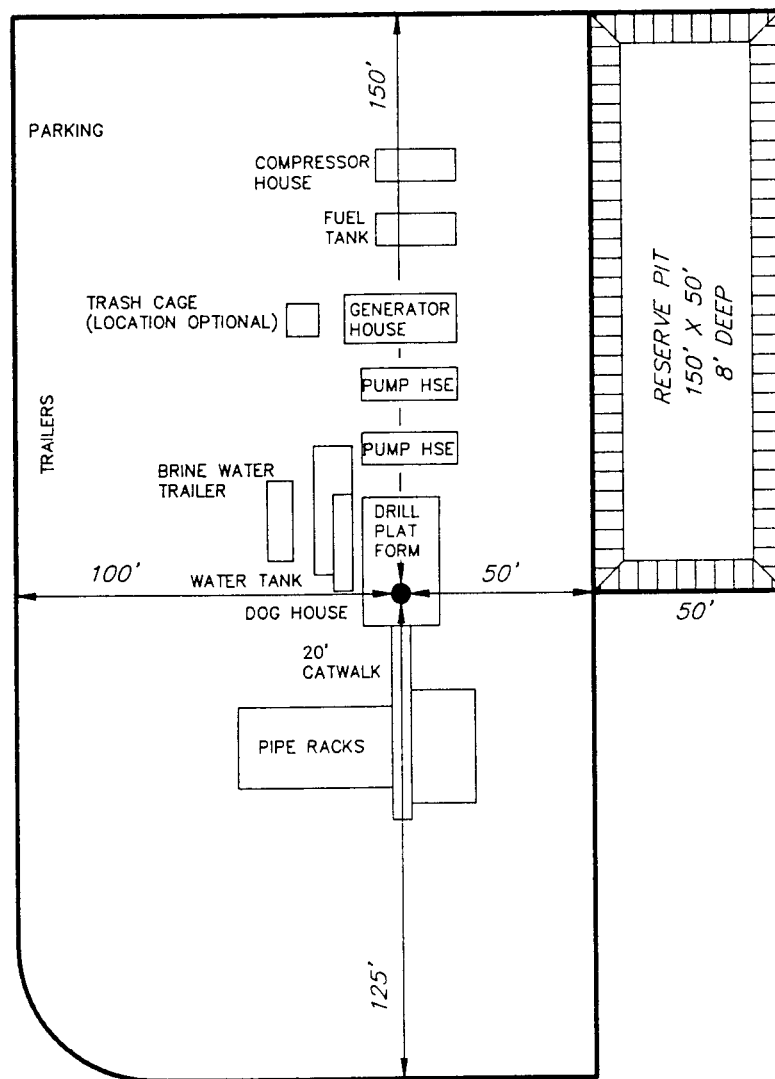


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

G

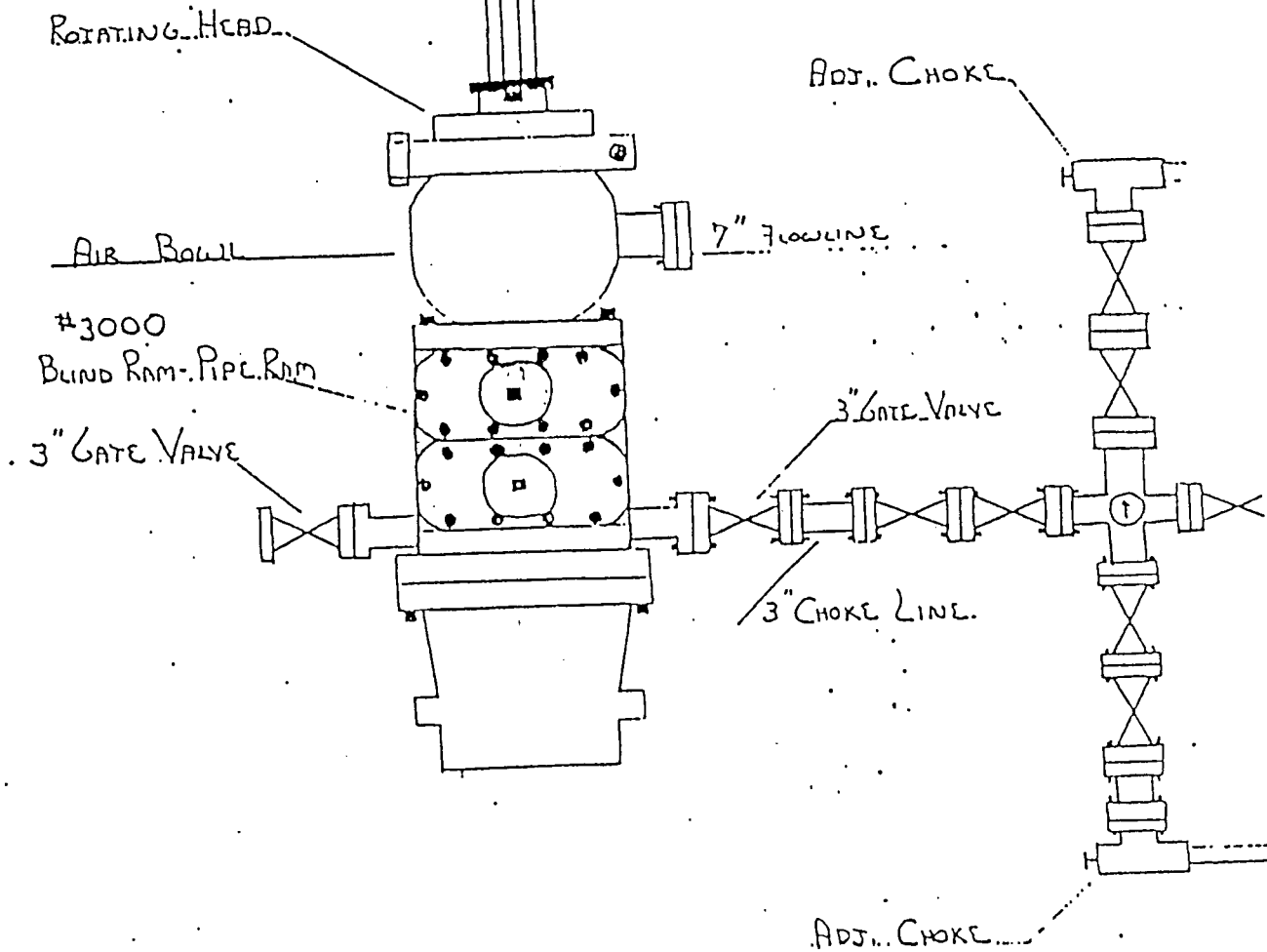
TYPICAL RIG LAYOUT

MONUMENT FEDERAL #33-10-9-16

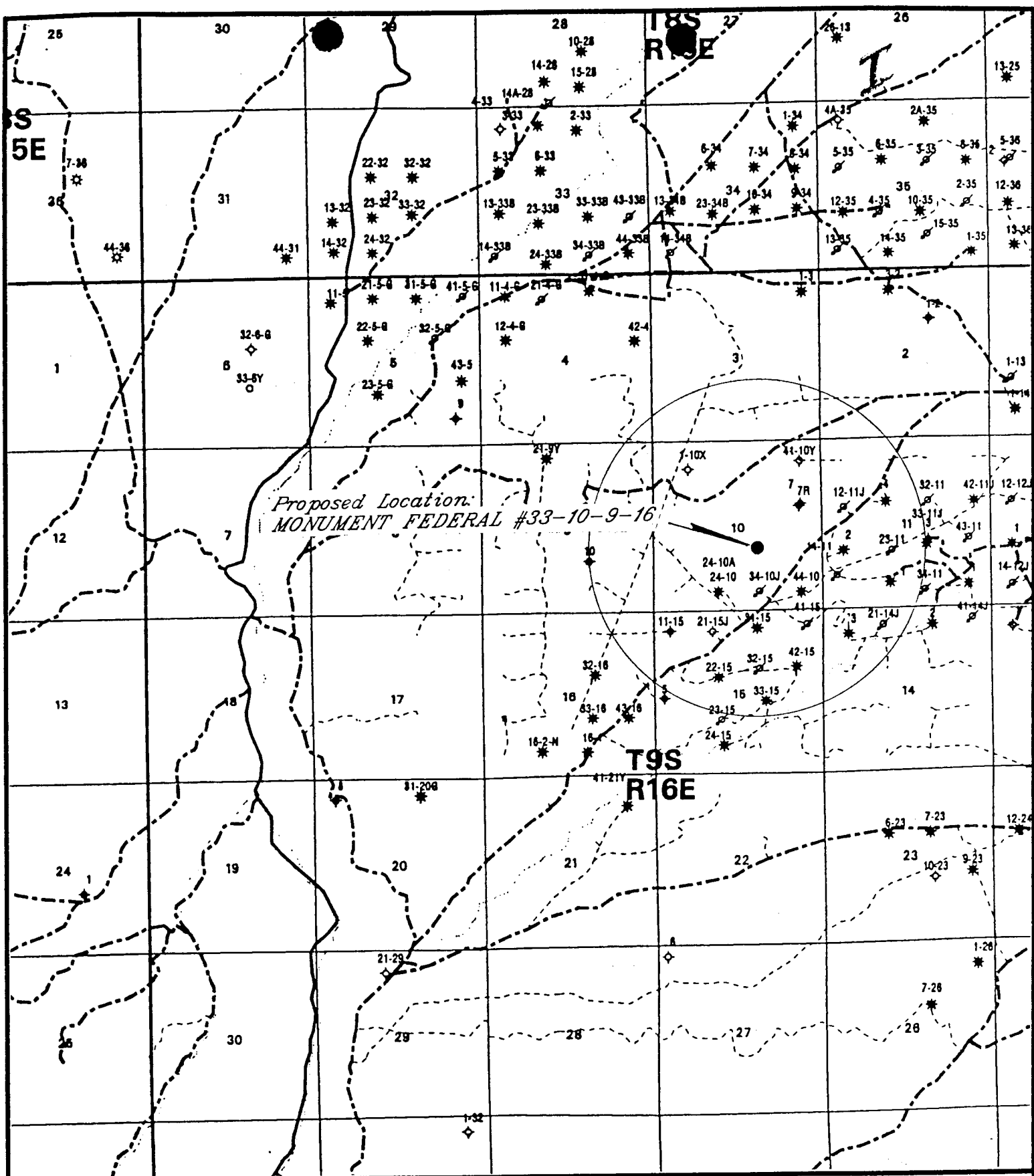


UNION DRILLING RIG #17

Hex Kelly

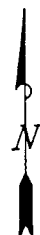


#3000 Stack



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #33-10-9-16
SEC. 10, T9S, R16E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

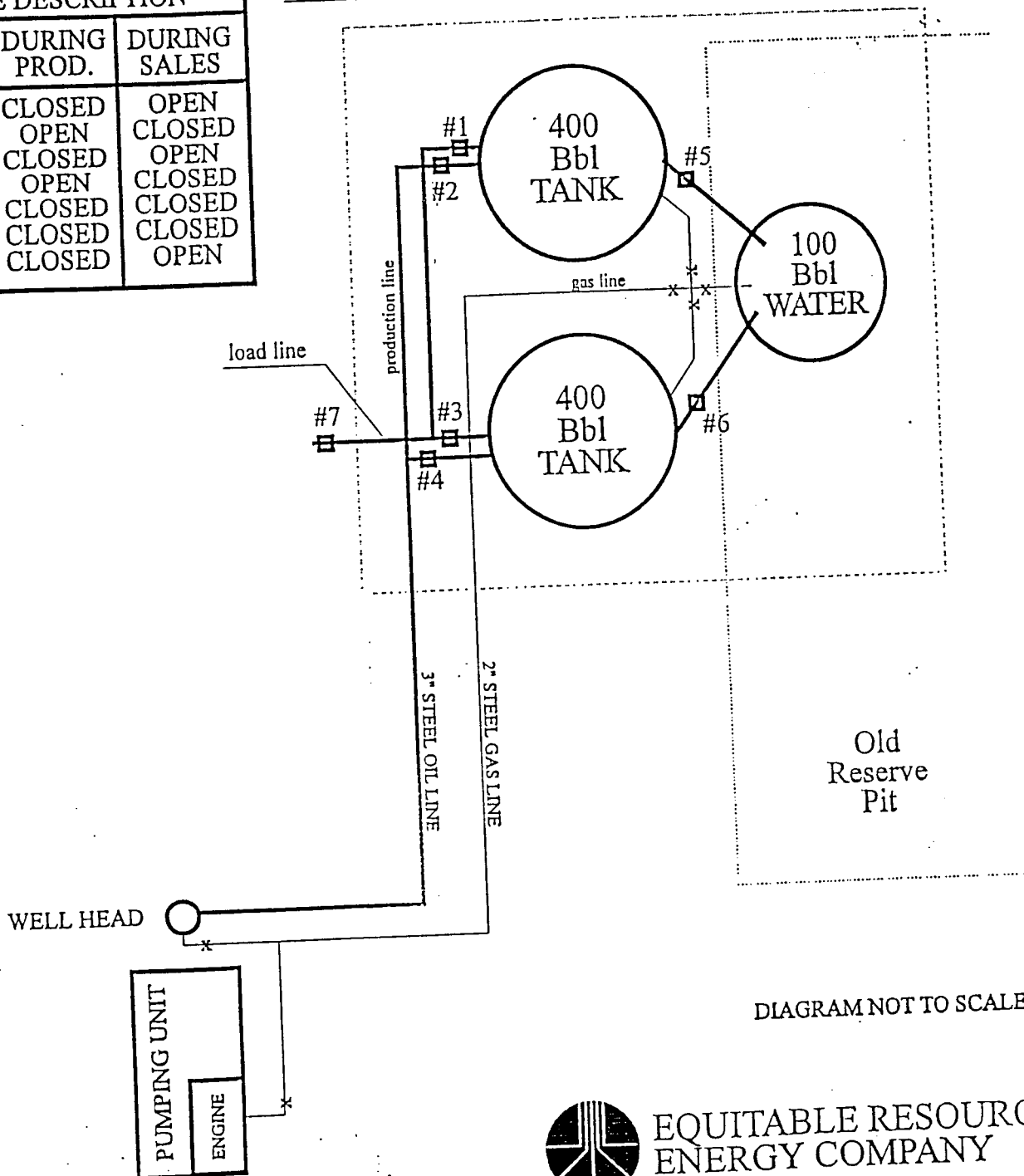


DIAGRAM NOT TO SCALE

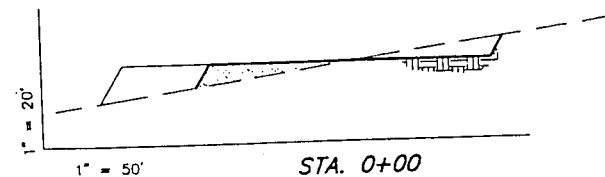
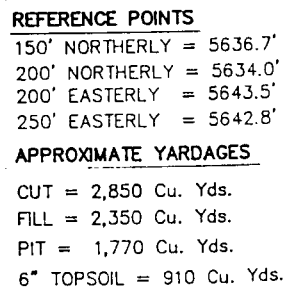


EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

MONUMENT FEDERAL #33-10-9-16
SEC. 10, T9S, R16E, S.L.B.&M.



SURVEYED BY: G.S. D.S.
DRAWN BY: J.R.S.
DATE: 9-8-96
SCALE: 1" = 50'
FILE:



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

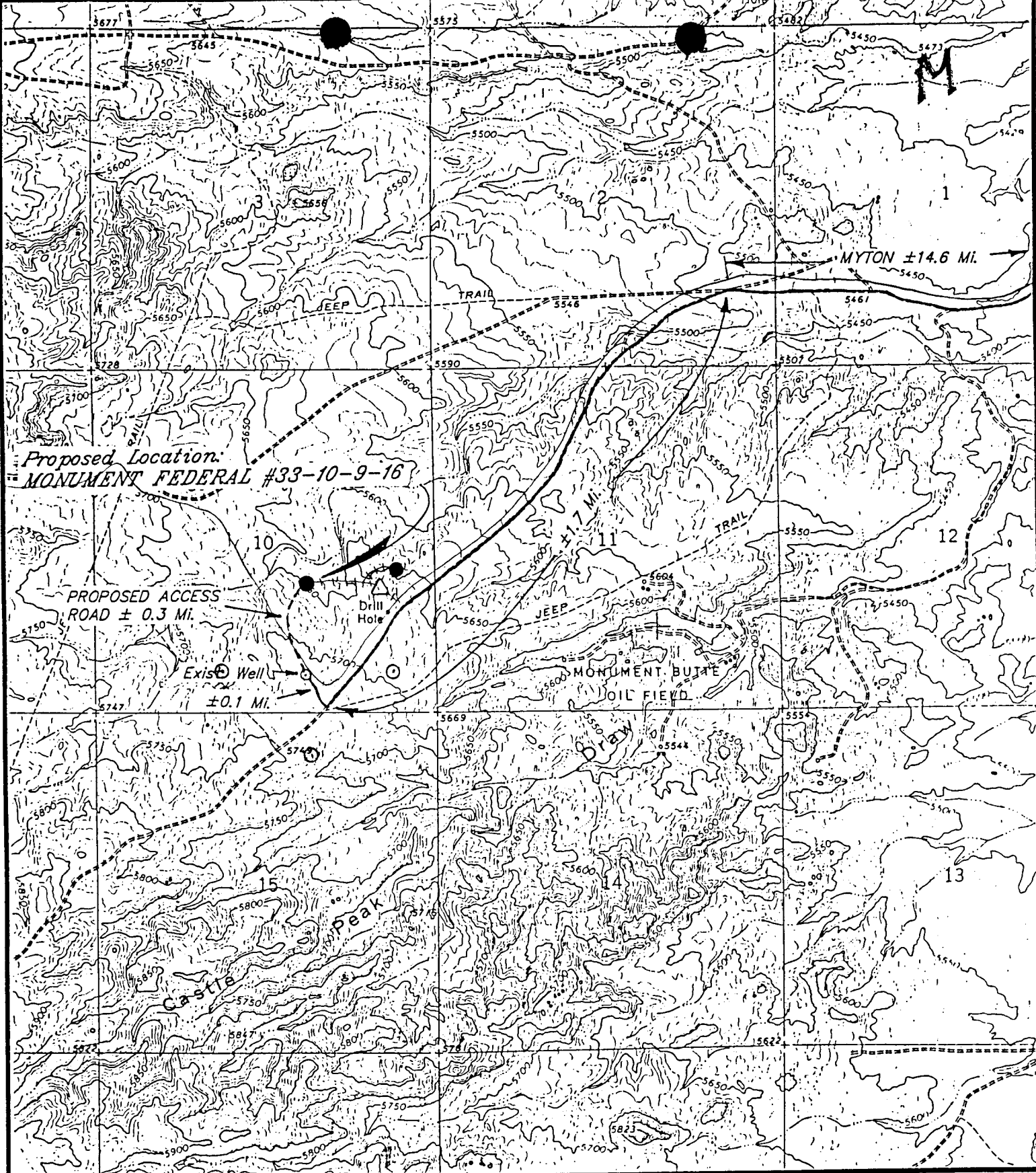
EXHIBIT M

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-way for this prospective well. See Map EXHIBIT "M" for the pipeline route. This will be a 2" surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where possible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.



- | | |
|------------------------------|--------------------------------|
| ▲ existing gas meter | ▲ proposed gas meter |
| ⊙ existing location | ● proposed location |
| — existing poly surface line | +++ proposed poly surface line |
| — existing road | --- proposed road |



SCALE: 1" = 2000'

PROPOSED GAS GATHERING

Monument Federal #33-10-9-16
Sec. 10, T9S, R16E



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL LEASE DESIGNATION AND SERIAL NO.
UTU-72107

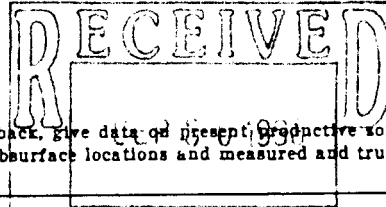
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK		
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		
2. NAME OF OPERATOR Equitable Resources Energy Company		
3. ADDRESS OF OPERATOR 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NW SE Section 10, T9S, R16E 1980' FSL, 1980' FEL At proposed prod. zone		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* From Myton, Utah approximately 10 miles SW		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 5,800'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DP, RT, GR, etc.) GL 5646.4'		22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE September 25, 1996

(This space for Federal or State office use)

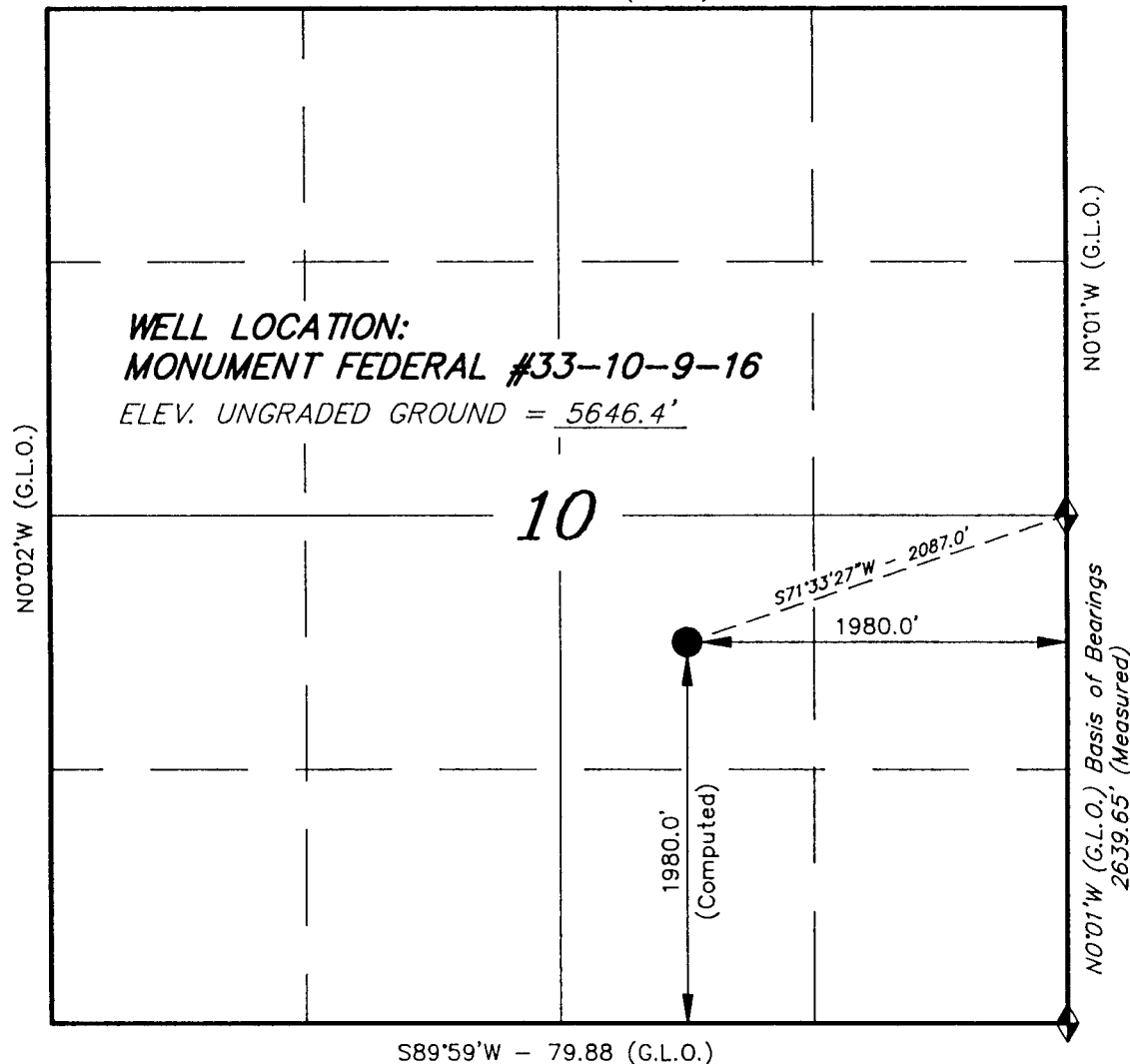
PERMIT NO. 43-013-31722 APPROVAL DATE 11/25/96
APPROVED BY [Signature] TITLE Division Engineer
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

K

T9S, R16E, S.L.B.&M.

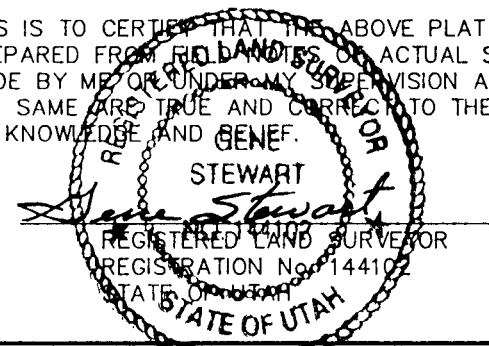
S89°54'W - 79.90 (G.L.O.)

**EQUITABLE RESOURCES ENERGY CO.**

WELL LOCATION, MONUMENT FEDERAL
 #33-10-9-16, LOCATED AS SHOWN IN
 THE NW 1/4 SE 1/4 OF SECTION 10,
 T9S, R16E, S.L.B.&M. DUCHESNE
 COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
 (801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. D.S.

DATE: 9-8-96

WEATHER: WARM

NOTES:

FILE #

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/30/96

API NO. ASSIGNED: 43-013-31722

WELL NAME: MONUMENT BUTTE 33-10-9-16
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWSE 10 - T09S - R16E
SURFACE: 1980-FSL-1980-FEL
BOTTOM: 1980-FSL-1980-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: UTU - 72107

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 6647155)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number JEE SHIELDS)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

____ R649-2-3. Unit: _____
☒ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: _____

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES	Well Name: MON BUTTE 33-10-9-16
Project ID: 43-013-31722	Location: SEC. 10 - T9S - R16E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2332 psi
 Internal gradient (burst) : 0.060 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,800	5.500	14.00	K-55	ST&C	5,800	4.887		
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)		
1	2682	3120	1.163	2682	4270	1.59	81.20	189	2.33 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 11-25-1996
 Remarks :

GREEN RIVER

Minimum segment length for the 5,800 foot well is 1,500 feet.

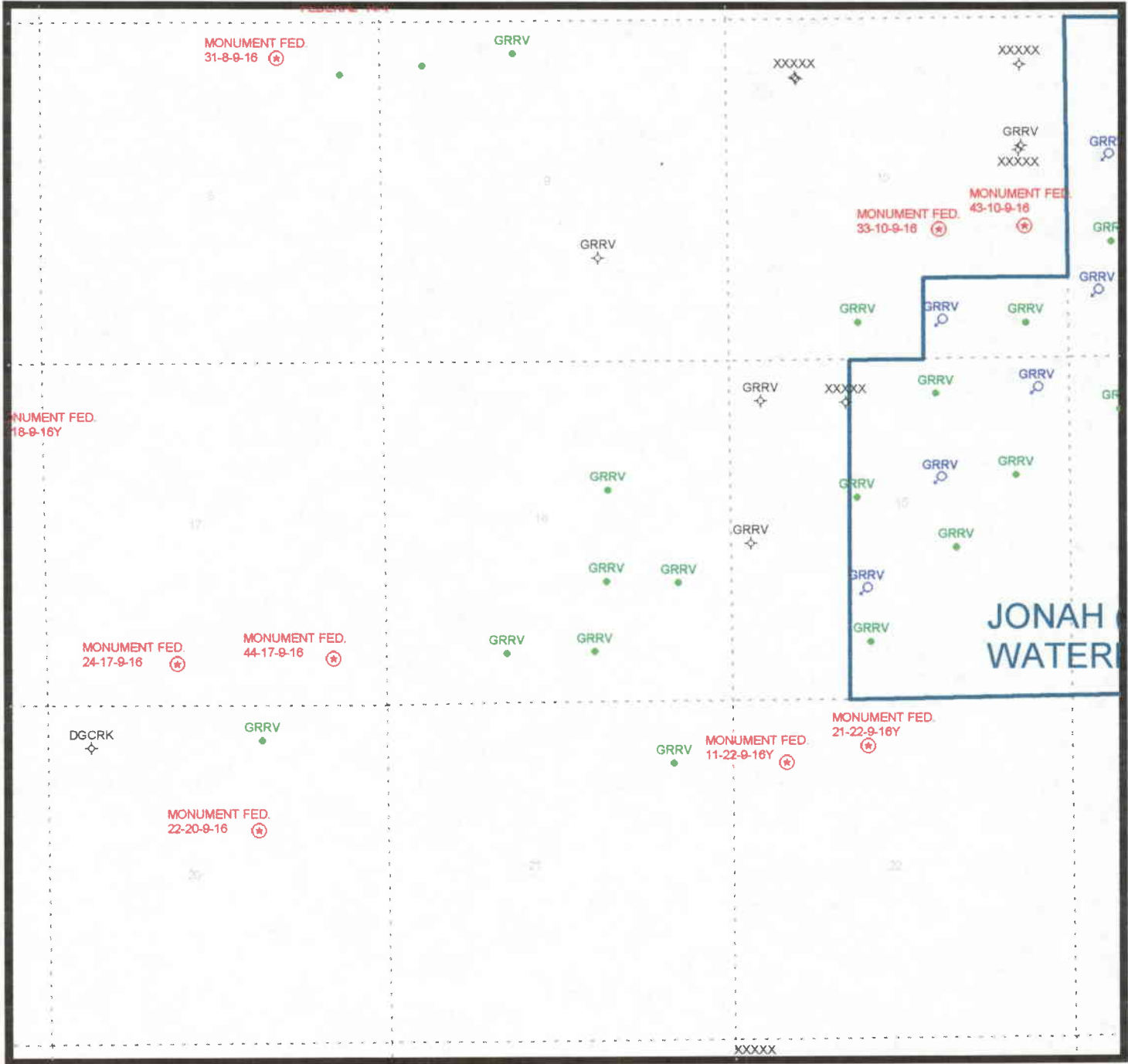
SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 115°F (Surface 74°F , BHT 155°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,682 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

OPERATOR: EQUITABLE RESOURCES
FIELD: MONUMENT BUTTE (105)
SECTION: 10 & 22 T9S R16E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 30-SEPT-96

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached listing

5. Lease Designation and Serial No.
See attached listing

6. If Indian, Allottee or Tribe Name

n/a

7. Unit or CA, Agreement Designation

n/a

8. Well Name and No.

See attached listing

9. API Well No.

10. Field and Pool, or Exploratory Area
Monument Butte/Grn River

11. County or Parish, State

See attached listing

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

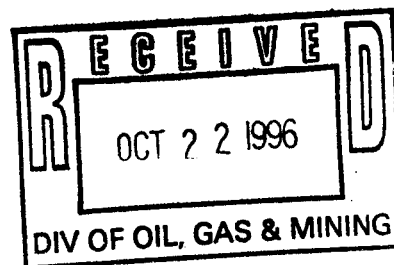
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other paleontology Reports
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached are te paleontology reports which were done on proposed wellsites, access routes, and gasline routes for the wells on the attached listing.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

**Regulatory and
Environmental Specialist**

Date

October 21, 1996

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #33-10-9-16 43-013-31722

NW/SE SECTION 10, T9S, R16E, SLB&M

Duchesne County, Utah

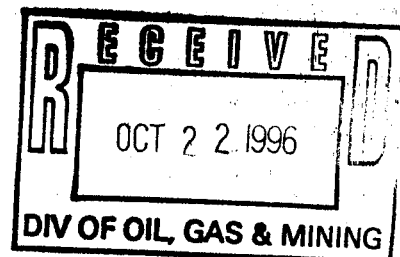
PALEONTOLOGY REPORT

WELLPAD LOCATION, ACCESS ROAD, & GAS LINE

BY

**ALDEN H. HAMBLIN
PALEONTOLOGIST
P.O. BOX 731
VERNAL, UTAH 84078**

OCTOBER 15, 1996



RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES ENERGY CO. MONUMENT
FEDERAL #33-10-9-16, NW/SE Section 10, T9S, R16E, S.L.B.&M, Duchesne Co.,
Utah.

Description of Geology and Topography-

This well location is 10 miles south and 2 miles west of Myton, Utah, 1 mile northwest of Castle Peak Draw. The access road runs northwest and north from existing well at SW/SE. The well location sits on the southwest side of a swale with drainage to the northeast. The proposed access road has a cover of rock fragments and sand until it drops off the hill where it passes over sandstone outcrops. The southwest side of the well location also has outcrops of sandstone while the northeast side is covered with sand and rock fragments.

All rock outcrops in the area are of the Middle Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

No fossils were found during the survey on the wellpad, road or gas line.

Recommendations-

There is always some potential for encountering significant fossils when working in the Uinta Formation. If important looking fossil material is found during construction, a paleontologist should be called to evaluate it.

No other recommendations are being made for paleontology at this location.

Alden H. Hamblin
Paleontologist

Date October 15, 1996



- | | |
|------------------------------|--------------------------------|
| ▲ existing gas meter | △ proposed gas meter |
| ○ existing location | ● proposed location |
| — existing poly surface line | --- proposed poly surface line |
| — existing road | --- proposed road |

PROPOSED GAS GATHERING

Monument Federal #33-10-9-16
Sec. 10, T9S, R16E



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

SCALE: 1" = 2000'



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 25, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal 33-10-9-16 Well, 1980' FSL, 1980' FEL,
NW SE, Sec. 10, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31722.

Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office



Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 33-10-9-16
API Number: 43-013-31722
Lease: UTU-72107
Location: NW SE Sec. 10 T. 9 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL LEASE DESIGNATION AND SERIAL NO.
UTU-72107

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NW SE Section 10, T9S, R16E 1980' FSL, 1980' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah approximately 10 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,800'

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, ET, GR, etc.)

GL 5646.4'

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

RECEIVED

SEP 30 1996

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Robbie Schuman
Robbie Schuman

TITLE

Regulatory and
Environmental Specialist

DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Jim Kough

ACTING Assistant Field Manager
TITLE Mineral Resources

DATE

NOV 26 1996

CONDITIONS OF APPROVAL, IF ANY

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL, ATTACHED
TO OPERATOR'S COPY

U4080-6M-219

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Equitable Monument Federal 33-10-9-16

API Number: 43-013-31722

Lease Number: U - 72107

Location: NWSE Sec. 10 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal Field Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 2,611 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal Field Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to $\pm 2,411$ ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal Field Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

Due to raptor habitat in the area, if this is a producing well the operator is required to install a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

MOUNTAIN PLOVERS & BURROWING OWLS

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 33-10-9-16

Api No. 43-013-31722

Section: 10 Township: 9S Range: 16E County: DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED:

Date 3/3/97

Time

How ROTARY

Drilling will commence

Reported by D. INGRAM

Telephone #

Date: 3/3/97 Signed: JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
UTU72107

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.

Monument Fed. #33-10-9-16

9. API Well No.

43-013-31722

10. Field and Pool, or Exploratory Area
Monument Butte/Green River

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE Section 10, T9S, R16E
1980' FSL & 1980' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud of well
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well spud on 3-1-97.

Original: Bureau of Land Management, Vernal District Office
Copy: State of Utah

14. I hereby certify that the foregoing is true and correct

Signed

Molly Leonard

Title

Operations Technician

Date

3-5-97

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

ENTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy CompanyOPERATOR ACCT. NO. H 9890ADDRESS 1601 Lewis AvenueBillings, MT 59102(406) 259-7860

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12087	43-013-31722	Monument Fed. #33-10-9-16	NW SE	10	9S	16E	Duchesne	3-1-97	3-1-97
WELL 1 COMMENTS: <i>Entity added 3-12-97. yjc</i> Spud of a new well.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Molly Conrad
Signature
Operations Technician
Title
3-5-97
Date
Phone No. ()

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE Section 10, T9S, R16E
1980' FSL, 1980' FEL

5. Lease Designation and Serial No.
UTU-72107

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.

Mon.Fed. #33-10-9-16

9. API Well No.

43-013-31722

10. Field and Pool, or Exploratory Area

Mon.Butte/Grn.River

11. County or Parish, State

Duchesne Co., Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other 1st production

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well started pumping on 4/3/97.

CONFIDENTIAL

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

14. I hereby certify that the foregoing is true and correct.

Signed

Bobbie Schuman
Bobbie Schuman
(This space for Federal or State office use)

Title

Regulatory and
Environmental Specialist

Date

April 4, 1997

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE Section 10, T9S, R16E
1980' FSL & 1980' FEL

5. Lease Designation and Serial No.

UTU-72107

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #33-10-9-16

9. API Well No.

43-013-31722

10. Field and Pool, or Exploratory Area

M. Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

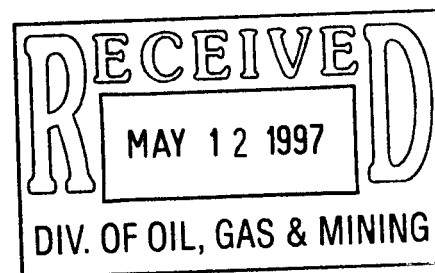
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Onshore Order #7
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, UT. A copy of the state-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another state-approved disposal facility. If applicable, the Operator has received approved Right-of-Way access to this well location from the Vernal Bureau of Land Management.



14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad

Title Operations Technician

Date 5-7-97

(This space for Federal or State office use)

Approved by _____

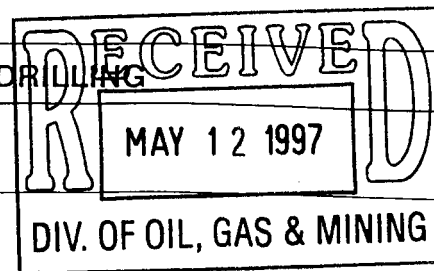
Title _____

Date _____

Conditions of approval, if any:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument Federal #33-10-9-16API number: 43-013-317222. Well Location: QQ NWSE Section 10 Township 9S Range 16E County Duchesne3. Well operator: Equitable Resources Energy CompanyAddress: 1601 Lewis AvenueBillings, MT 59102Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhannon, WV 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: Please see completion report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 5-7-97Name & Signature: Molly Conrad *Molly Conrad*Title: Operations Technician

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
UTU-72107

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Monument Fed. #33-10-9-16

9. API Well No.
43-013-31722

10. Field and Pool, or Exploratory Area
M Butte/Green River

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE Section 10, T9S, R16E
1980' FSL & 1980' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

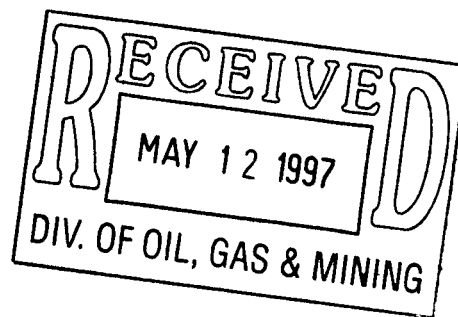
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security Diagram
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.



14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad

Title Operations Technician

Date 5-7-97

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

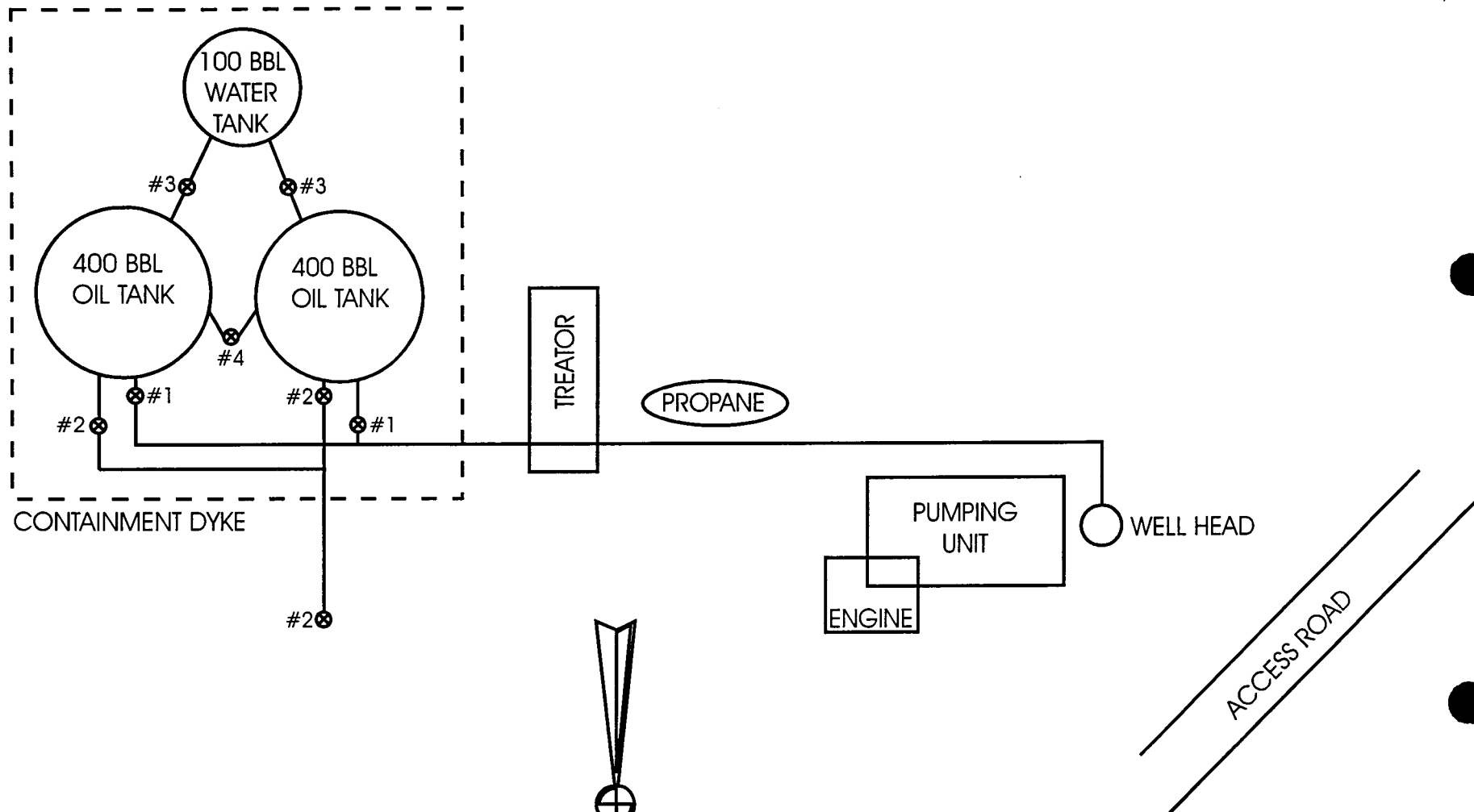
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
 MONUMENT FEDERAL 33-10-9-16
 PRODUCTION FACILITY DIAGRAM

MONUMENT FEDERAL 33-10-9-16
 NW SE SEC. 10, T9S, R16E
 DUCHESNE COUNTY, UTAH
 FEDERAL LEASE #U-72107



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED
VALVE #4	OPEN	CLOSED

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:

**EQUITABLE RESOURCES
 ENERGY COMPANY**
 WESTERN REGION

1601 Lewis Avenue
 Billings, MT 59102
 (406) 259-7860

APRIL 15, 1997

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

CONFIDENTIAL

2. NAME OF OPERATOR
Equitable Resources Energy Company
3. ADDRESS OF OPERATOR
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FSL & 1980' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-31722 DATE ISSUED 11-25-96

15. DATE SPUDDED 3-1-97 16. DATE T.D. REACHED 3-8-97 17. DATE COMPL. (Ready to prod.) 4-3-97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5646.4' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5800' 21. PLUG, BACK T.D., MD & TVD 5729' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY SFC - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5142' - 5174' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL DLL LDT/CNL MUD LOG 3-11-97 27. WAS WELL CORED no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	262.2' KB	12-1/4"	160 sxs Classs "G" w/additives	None
5-1/2"	15.5#	5775.87' KB	7-7/8"	160 sxs Prem Lite w/additives	None
				330 sxs 50/50 FOZ w/additives	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5244.37' KB	n/a

31. PERFORATION RECORD (Interval size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5142' - 5149' (4 SP)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5152' - 5174' (4 SP)		5142' - 5174'	Break down with 4074 gallons 2% KCL water. Fracture with 23,932# 20/40 mesh sand & 59,116# 16/30 mesh sand w/24,822 gallons 2% KCL gelled water.

33.* PRODUCTION
DATE FIRST PRODUCTION 4-3-97 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-15-97	24	n/a		70	73.6	0	1.05 mcf/bbl
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a		70	73.6	0	34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas to M. Butte Gas Plant and used on lease. TEST WITNESSED BY Lynn Smith

35. LIST OF ATTACHMENTS n/a

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad TITLE Operations Technician DATE 5-7-97

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run./	Green River	n/a	n/a
				Horsebench SS	n/a	n/a
				2nd Garden Gulch	3856'	3856'
				Yellow Marker	4494'	4494'
				Douglas Creek	4651'	4651'
				2nd Douglas Creek	4885'	4885'
				Green Marker	5031'	5031'
				Black Shale Facies	5305'	5305'
				Carbonate Marker	5526'	5526'

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #33-10-9-16

Location: NW SE Section 10, T9S, R16E
Duchesne County, Utah
1980' FSL, 1980' FEL

---TIGHT HOLE---

PTD: 5,800' Formation: Green River

Monument Butte Prospect

API #43-013-31722 (11-25-96)

Elevations: 5646.4' GL

Contractor: Union Drilling

Operator: EREC/Western Region

Spud: 3-1-97 @ 1:00 p.m.

Casing: 8-5/8" @ 262.2' KB

5-1/2" @ 5775.87' KB

Tubing: 2-7/8" @ 5244.37' KB

03/02/97 TD: 280' (280') Day 1

Present Operation: Waiting on Cement

MIRU, rig spud well, drill & set 8-5/8", J-55, 24# csg @ 280' as follows:

Shoe	.90'
Shoe Jt	42.15'
Baffle Plate	0.00'
5 Jts Csg	209.15'
Total Csg Length	252.20'
Landing Jt.	10.00'
Depth Landed	262.20' KB

Cement w/160 sxs "G" + 2% CaCl₂ + 1/4#/sx Cello Flake. Spud well @ 1:00 PM, Plug down @ 11:35 PM. 10 bbls cement return to pit. WOC.

DC: \$5,040

CC: \$5,040

03/03/97 TD: 1000' (720') Day 2

Present Operation: Drilling 7-7/8" hole

WOC. NU & test BOP stack, TIH, Blow wtr & drill cement. Drill 720' of 7-7/8" hole, change over from drill collars to drill pipe w/foam.

DC: \$12,960

CC: \$18,000

03/04/97 TD: 2150' (1150') Day 3

Present Operation: Drilling 7-7/8" hole

Drill 1150' of 7-7/8" hole, ran 2 surveys & service rig.

DC: \$20,700

CC: \$38,700

03/05/97 TD: 3,080' (930') Day 4

Present Operation: Drilling 7-7/8" hole

Drill 930' of new 7 7/8" hole with air/foam. Service Rig and ran 2 surveys.

DC: \$16,740

CC: \$55,440

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #33-10-9-16

Location: NW SE Section 10, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

03/06/97 TD: 3,855' (775') Day 5
Present Operation: Drilling 7-7/8" hole
Drill 775' of new 7 7/8" hole with foam/air. Ran 2 surveys and serviced equipment.
DC: \$13,950 **CC: \$69,390**

03/06/97 TD: 4,503' (648') Day 6
Present Operation: Drilling 7-7/8" hole
Drill 7 7/8" hole with air/foam from 3855' to 3970'. Displaced hole w/fluid, TOOH. Picked up motor & bit #4. TIH, circulated hole w/fluid, drilled 7 7/8" hole from 3970' to 4503' with fluid, ran survey @ 3970' -2°.
DC: \$11,664 **CC: \$81,054**

03/07/97 TD: 5277' (774') Day 7
Present Operation: Drilling
Drilled 774' of 7-7/8" hole from 4503' to 5277' w/KCL fluid. Ran surveys: 1-3/4° @ 4500' and 2° @ 5050'
DC: \$13,932 **CC: \$94,986**

03/08/97 TD: 5800' (523') Day 8
Present Operation: Logging Hole
Drilled 523' of 7-7/8" hole from 5277' to 5800' w/KCL fluid. Ran survey @ 5550', 1-3/4°. Pumped sweep, lay down drill pipe and drill collars, RU loggers, presently logging hole. Loggers TD @ 5800'.
DC: \$9,414 **CC: \$104,400**

03/09/97 TD: 5800' (0') Day 9
Present Operation: RDMO
Finished logging, rigged down loggers, RU csg crew, ran 5-1/2" , J-55, 15.5# csg as follows:

Shoe	.90'
Shoe Joint	42.46'
Float Collar	1.10'
136 Joints Csg	5721.41'
Total Csg Length	5765.87'
Landing Joint	10.00'
Depth Landed	5775.87' KB
PBTD	5731.41' KB

Cement csg w/Lead = 160 sxs Prem Lite Plus + 10% G-1 + 6#/sx BA-91 + .5% Sod met + 2#/sx Kolseal + 1/4#/sx Cello Flake. Tail = 330 sxs 50/50 poz + 2% gel + 1/4#/sx Cello Flake + 2#/sx Kolseal. Plug down @ 10:30 AM, release rig @ 2:30 PM.

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #33-10-9-16

Location: NW SE Section 10, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

03/19/97 Completion

MIRU Cannon Well Service Rig #2. NU 5-M well head, NU BOP. TIH w/4-3/4" bit, 5-1/2" csg scrapper & 186 jts 2-7/8" tbg. Tag PBSD @ 5729' KB. Circulate hole clean w/121 bbls 2% KCL wtr. Pressure BOP & csg to 1000 psi, OK. SWIFN.
DC: \$2,688 CC: \$107,088

03/20/97 Completion

Recheck PBSD 5729' KB, 186 jts. POOH w/tbg, scrapper & bit. RU Cutter Wire Line to run CBL & perf. Run CBL from 5709' KB to 820' KB, w/1000 psi. TOC @ 1100' KB. Perforate 5142' - 5149' & 5152' - 5174', 4 SPF. TIH w/TS RBP, retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 170 jts 2-7/8" tbg. Set BP @ 5219' KB, EOT @ 5092' KB, pkr @ 5084' KB. RU BJ Services & break down 5142' - 5149' & 5152' - 5174' w/4074 gals 2% KCL wtr. ATP = 1800 psi, ATR = 5.3 bpm, ISIP = 1300 psi. Used 97 bbls wtr. TOOH w/tbg, pkr & retrieving tool. Flow back 10 bbls wtr. SWIFD.
DC: \$9,451 CC: \$116,539

03/21/97 Completion

RU BJ Services & frac 5142' - 5149' & 5152' - 5174' w/24,822 gals 2% KCL gelled wtr, 23932 lbs 20/40 mesh sand & 59,116 lbs 16/30 mesh sand. ATP = 1975 psi, ATR = 26.8 bpm, ISIP = 2400 psi, 5 min = 1740 psi, 10 min = 1600 psi, 15 min = 1550 psi, 30 min = 1480 psi. Used 591 bbls wtr. Start forced closure flow blow back, .5 bpm. Flow back 240 bbls wtr, trace of oil, 1% sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 165 jts 2-7/8" tbg. Tag sand @ 5130' KB. Circulate down to BP @ 5219' KB. Set pkr @ 5084' KB. Made 5 swab runs. Recovered 2 bbls oil, 28 bbls wtr, 1% sand, good gas. SWIFN.
DC: \$36,742 CC: \$153,281

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #33-10-9-16

Location: NW SE Section 10, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

03/22/97 Completion

Bleed well down. Made 5 swab runs. Recovered 23 bbls oil, 4 bbls wtr, & good gas, no sand. Well started flowing. Flow back 40 bbls oil, 10 bbls wtr. Release pkr, tag sand @ 5210' KB. Circulate down to BP @ 5219' KB. Release BP. TOOH w/tbg, pkr & BP. TIH w/tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched-pinned collar 2-7/8"	.40'	5244.37'
1 - jt 2-7/8" EUE M-50 8rd 6.5#	29.80'	5243.97'
1 - Perf sub 2-7/8" x 4'	4.20'	5214.17'
1 - SN 2-7/8"	1.10'	5209.97'
4 - jts 2-7/8" EUE M-50 8rd 6.5#	124.50'	5208.87'
1 - tbg anchor 2-7/8" x 5-1/2" (TRICO)	2.75'	5084.37'
164 - JTS 2-7/8" EUE M-50 8rd 6.5#	5071.62'	5081.62'
KB	10.00'	

ND BOP, ND 5-M well head, Flange up 3-M well head. Set tbg anchor w/12" tension.
TIH w/DHP & rod string as follows:

- 1 - DHP, 2-7/8" x 1-1/2" x 16' RHAC w/SM plunger (TRICO #1234)
- 1 - 7/8" x 2-1/2' Pony w/2-1/2" guide
- 1 - K-bar 1-1/2" x 25'
- 1 - 7/8" x 2-1/2' Pony w/2-1/2" guide
- 206 - 3/4" x 25' K-61 Plain
- 1 - 3/4" x 4' Pony
- 1 - Polish Rod 1-1/4" x 22' SM

Pressure test DHP & tbg to 1000 psi, OK. SWI. RDMO.

DC: \$24,908

CC: \$178,189

04/03/97 Start well pumping. 5 SPM, 103" stroke.

DC: \$36,329

CC: \$214,518

STATE OF UTAH
DIVISION OF GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages:

See Attached Exhibit

County:

QQ, Sec., T., R., M.:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Recomplete
☐ Convert to Injection ☐ Reperforate
☐ Fracture Treat or Acidize ☐ Vent or Flare
☐ Multiple Completion ☐ Water Shut-Off
☒ Other Change of Operator

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Reperforate
☐ Convert to Injection ☐ Vent or Flare
☐ Fracture Treat or Acidize ☐ Water Shut-Off
☒ Other Change of Operator

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

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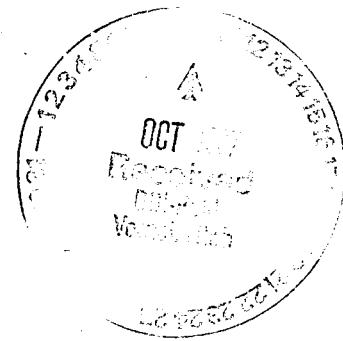


RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

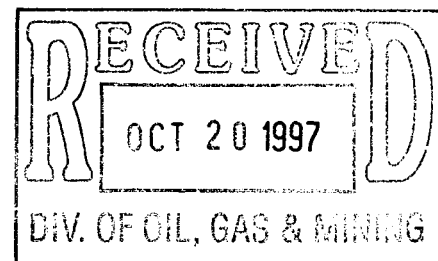
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau
Patsy Barreau

/pb
encls.



INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSEN STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



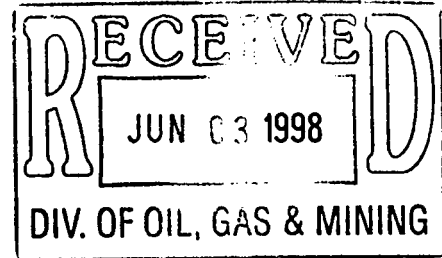
Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.*
Call if you need anything
further.



3160
(U-922)

June 1, 1998

Inland Production Company
c/o Unit Source Incorporated
11184 Huron Street, Suite 16
Denver, CO 80234

Re: Voluntary Termination
Castle Peak Unit
Duchesne County, Utah

Gentlemen:

Your request for termination of the Castle Peak Unit Agreement, Duchesne County, Utah, is hereby approved, effective midnight, May 31, 1998, pursuant to the last paragraph of Section 20 thereof.

Copies of this letter are being distributed to the appropriate Federal agencies. It is requested that you furnish notice of this termination to each interested owner, lessee, and lessor.

Sincerely,

/s/ Robert A. Henricks
Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

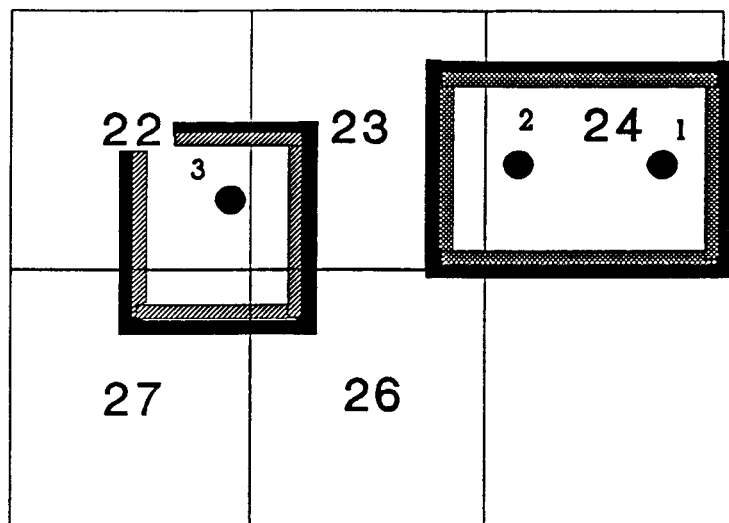
bcc: DM Vernal (w/enclosure)
Castle Peak Unit File
Agr. Sec. Chron.
U-923 (attn: Linda Sorenson)
MMS Data Reference Branch
~~Division of Oil Gas and Mining~~
School and Institutional Trust Lands (w/enclosure)
Fluid Chron
Agr. Sec. Chron.
Tickler (June)

MCoulthard:mc:06/01/98

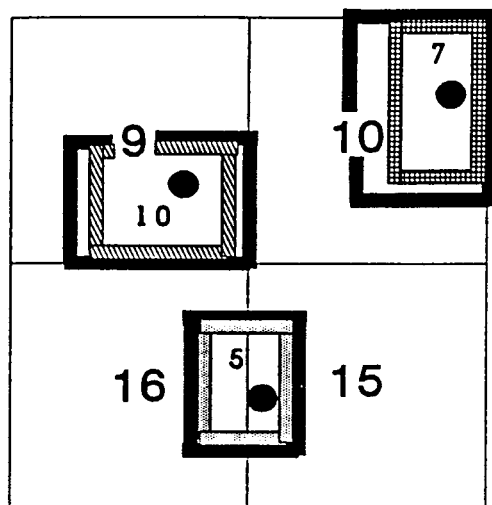
CASTLE PEAK UNIT

Duchesne County, Utah

EFFECTIVE: SEPTEMBER 3, 1962



15E



16E

9S

UNIT OUTLINE (UTU63040X)

- GREEN RIVER PA "A"
- GREEN RIVER PA "B"
- GREEN RIVER PA "C"
- GREEN RIVER PA "D"
- GREEN RIVER PA "G"

GRRV PA "A"
ALLOCATION
FEDERAL 100.00%
320.00 Acres

GRRV PA "D"
ALLOCATION
FEDERAL 100.00%
120.00 Acres

GRRV PA "B"
ALLOCATION
FEDERAL 100.00%
160.00 Acres

GRRV PA "G"
ALLOCATION
FEDERAL 100.00%
160.00 Acres

GRRV PA "C"
ALLOCATION
FEDERAL 50.00%
STATE 50.00%
160.00 Acres

AS CONTRACTED APRIL 1, 1994

1,600.00 ACRES



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799

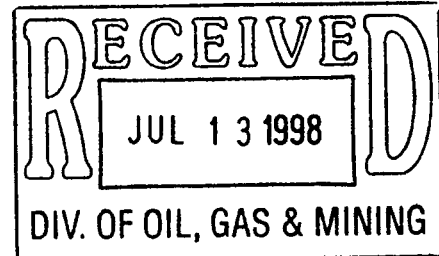
Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

July 2, 1998



Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

43-013-31722

Re: Well No. Monument Fed ~~3~~⁷-10-9-16
NWSE, Sec. 10, T9S, R16E
Lease U-72107
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining

OPERATOR CHANGE WORKSHEET

1-1-EC	6-1-EC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&G SVS'S</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
Phone:	<u>(435) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: <u>MON. FED 43-10-9-16</u>	API: <u>43-013-31723</u>	Entity: <u>12065</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>UTU72107</u>
Name: <u>MON. FED 33-10-9-16</u>	API: <u>43-013-31722</u>	Entity: <u>12087</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>UTU72107</u>
Name: <u>CASTLE PK ST 43-16</u>	API: <u>43-013-30594</u>	Entity: <u>01181</u>	S	<u>16</u>	T	<u>9S</u>	R	<u>16E</u>	Lease: <u>ML16532</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR C

1. (r649-8 form). *Documentation has been received from the FORMER operator (attach to this*
2. (r649-4 form). *Documentation has been received from the NEW operator (Attach to this*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(7-2-98 St. Well) (7-14-98 Fed. Wells)*
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above.
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-ABC	6-EC
2-GLF	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold)
- ☐ Designation of Agent
- ☐ Designation of Operator
- ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	INLAND PRODUCTION COMPANY	FROM: (old operator)	EQUITABLE RESOURCES ENERGY
(address)	PO BOX 1446	(address)	C/O CRAZY MTN O&G SVS'S
	ROOSEVELT UT 84066		PO BOX 577
			LAUREL MT 59044
Phone:	(435) 722-5103	Phone:	(406) 628-4164
Account no.	N5160	Account no.	N9890

WELL(S) attach additional page if needed:

Name: MON. FED 43-10-9-16	API: 43-013-31723	Entity: 12065	S	10	T	9S	R	16E	Lease: UTU72107
Name: MON. FED 33-10-9-16	API: 43-013-31722	Entity: 12087	S	10	T	9S	R	16E	Lease: UTU72107
Name: CASTLE PK ST 43-16	API: 43-013-30594	Entity: 01181	S	16	T	9S	R	16E	Lease: ML16532
Name:	API:	Entity:	S		T		R		Lease:
Name:	API:	Entity:	S		T		R		Lease:
Name:	API:	Entity:	S		T		R		Lease:
Name:	API:	Entity:	S		T		R		Lease:

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-10-97)
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-26-97)
3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) If yes, show company file number:
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (7-2-98 St. Well) (7-14-98 Fed. Wells)
6. **Cardex** file has been updated for each well listed above.
7. Well **file labels** have been updated for each well listed above.
8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (~~FEE WELLS ONLY~~) Trust Lands - 80,000 Surety + Hartford Acc. & Indemnity Co.

- Y 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A **copy of this form** has been placed in the new and former operator's bond files.
- N/A 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- Y 1. Copies of documents have been sent on July 14, 1998 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Y 1. All attachments to this form have been **microfilmed**. Today's date: 9-10-98.

FILING

- 1. **Copies** of all attachments to this form have been filed in each **well file**.
- 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980702 St. Lease well "43-16" to Inland. Awaiting "Fed." aprvl. of other 2.
980714 BLM/Vernal Aprv. 7-2-98.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-72107

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

MONUMENT FEDERAL 33-10-9-16

9. API Well No.

43-013-31722

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1980 FSL 1980 FEL NW/SE Section 10, T09S R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

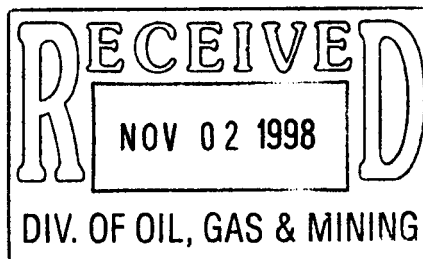
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company Site Facility Diagram

Monument Federal 33-10

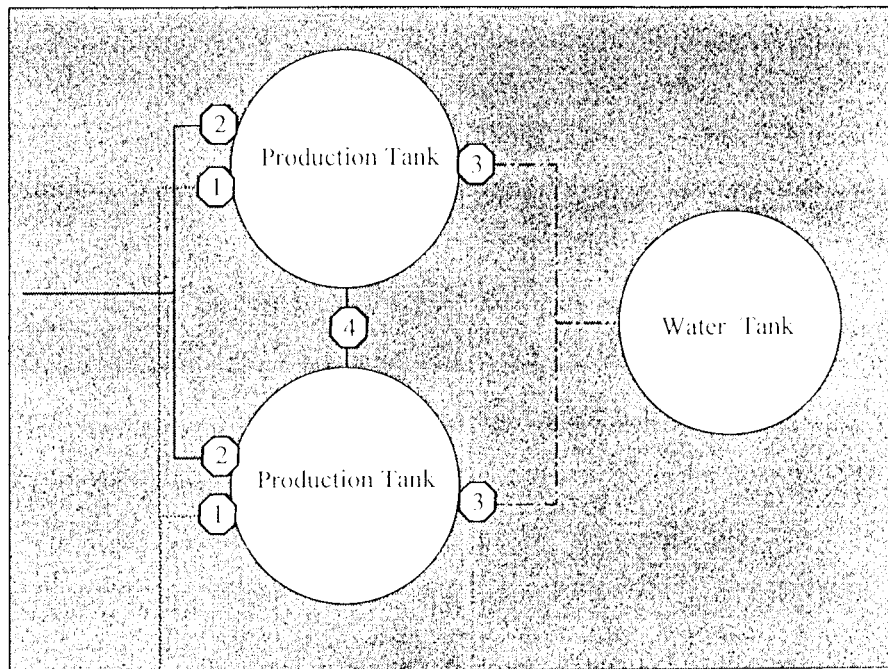
NW/SE Sec. 10, T9S, 16E

Duchesne County

Sept. 17, 1998

Legend

Emulsion Line
Load Line	————
Water Line	- - - - -
Gas Sales	- · - · -



Site Security Plan is held at the Roosevelt
Office, Roosevelt Utah

Production Phase:

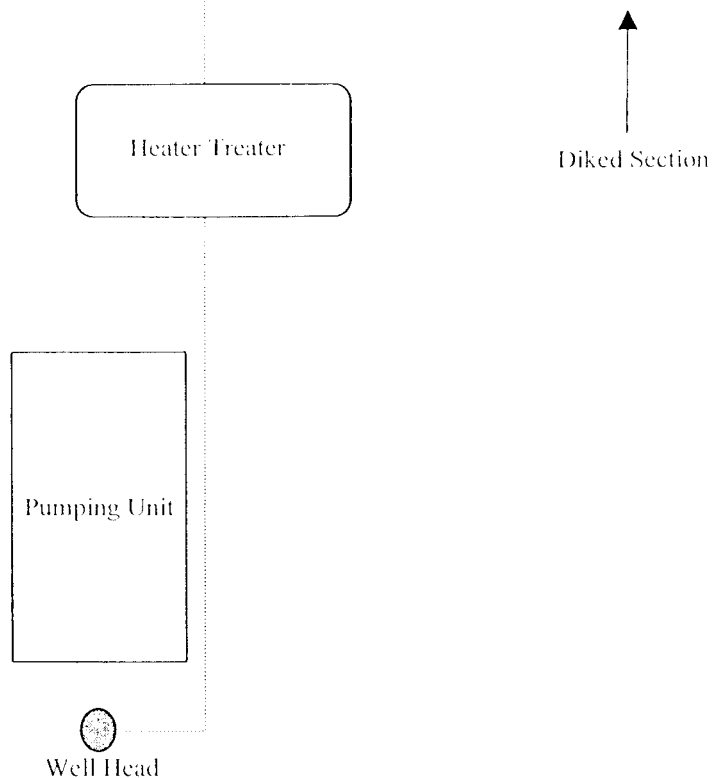
- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 3 & 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

SOUTH WELLS DRAW (GR)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
S WELLS DRAW 15-34-8-16	34	080S	160E	4301331670	13269	Federal	WI	A
CASTLE PEAK 1-3	03	090S	160E	4301330639	13269	Federal	WI	A
S WELLS DRAW 4-3-9-16	03	090S	160E	4301332096	13269	Federal	OW	P
BALCRON MON FED 14-4	04	090S	160E	4301331666	13269	Federal	WI	A
MON FED 13-4-9-16	04	090S	160E	4301331716	13269	Federal	OW	P
CASTLE PEAK 9R	05	090S	160E	4301315787	99998	Federal	NA	PA
MON FED 41-8-9-16	08	090S	160E	4301331619	13269	Federal	WI	A
MON FED 31-8-9-16	08	090S	160E	4301331721	13269	Federal	OW	P
FEDERAL 21-9Y	09	090S	160E	4301331396	13269	Federal	WI	A
MON FED 11-9-9-16	09	090S	160E	4301331618	13269	Federal	OW	P
S WELLS DRAW 9-9-9-16	09	090S	160E	4301332043	13269	Federal	WI	A
S WELLS DRAW 16-9-9-16	09	090S	160E	4301332044	13269	Federal	OW	P
CASTLE PK FED 24-10A	10	090S	160E	4301330555	13269	Federal	OW	P
MON FED 33-10-9-16	10	090S	160E	4301331722	13269	Federal	OW	P
MON FED 43-10-9-16	10	090S	160E	4301331723	13269	Federal	WI	A
S WELLS DRAW 2-10-9-16	10	090S	160E	4301331774	13269	Federal	OW	P
S WELLS DRAW 5-10-9-16	10	090S	160E	4301331811	13269	Federal	WI	A
S WELLS DRAW 6-10-9-16	10	090S	160E	4301332041	13269	Federal	OW	P
S WELLS DRAW 7-10-9-16	10	090S	160E	4301332042	13269	Federal	WI	A
S WELLS DRAW 11-10-9-16	10	090S	160E	4301332045	13269	Federal	WI	A
S WELLS DRAW 12-10-9-16	10	090S	160E	4301332046	13269	Federal	OW	P
S WELLS DRAW 13-10-9-16	10	090S	160E	4301332047	13269	Federal	OW	S

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



April 27, 2009

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Federal #33-10-9-16
Monument Butte Field, Lease #UTU-72107
Section 10-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Federal #33-10-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED
APR 28 2009
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT FEDERAL #33-10-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
SOUTH WELLS DRAW UNIT
LEASE #UTU-72107
APRIL 27, 2009

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Monument Butte Federal #33-10-9-16
Field or Unit name: Monument Butte (Green River), South Wells Draw Unit Lease No. UTU-72107
Well Location: QQ NWSE section 10 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____

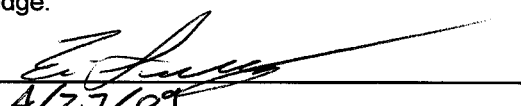
API number: 43-013-31722

Proposed injection interval: from 3855 to 5510
Proposed maximum injection: rate 500 bpd pressure 2367 psig
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Analyst Date 4/27/09
Phone No. (303) 893-0102

(State use only)

Application approved by _____ Title _____
Approval Date _____

Comments:

Monument Federal #33-10-9-16

Spud Date: 3-1-97

Put on Production: 04-3-97

GL: 5646' KB: 5656'

Initial Production: 70 BOPD,
74 MCFD, 0 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 5 jts @ 252.20

DEPTH LANDED: 262.20' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class G, est 10 bbls cement to the pit

FRAC JOB

03/21/97 5142'-5174'

Frac sand as follows:

23,932# 20/40 sand, & 59,116#

16/30 sand in 591 bbls 2% KCL gelled water.

Treated @ avg press of 1975 psi w/avg rate of
26.8 BPM. ISIP-2400 psi.

02/25/05

Pump change. Updated tubing and rod detail.

10/15/07
9-26-08

Parted rods, Updated rod & tubing details.

Pump change. Updated rod & tubing details.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts (5765.87')

DEPTH LANDED: 5775.87' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 160 sx Premium Lite & 330 sx 50/50 Poz

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50

NO. OF JOINTS: 164 jts (5071.62')

TUBING ANCHOR: 5081.62'

NO. OF JOINTS: 4 jts (124.50')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5208.87'

NO. OF JOINTS: 1 jt perf sub (4.20')

NO. OF JOINTS: 1 jt (29.80')

TOTAL STRING LENGTH: 5244.37'

Top of Cement 1100'

Packer @ 4633'

4668'-4673' (proposed)

4987'-4993' (proposed)

5142'-5149'

5152'-5174'

PBTD @ 5729'

SHOE @ 5776'

TD @ 5800'

PERFORATION RECORD

3-20-97	5142'-5149'	4 JSPF	28 holes
3-20-97	5152'-5174'	4 JSPF	88 holes

PROPOSED PERFORATIONS (To be added during conversion)

4668'-4673'	4 JSPF	20 holes
4987'-4993'	4 JSPF	24 holes

NEWFIELD

Monument Federal #33-10-9-16

1980' FSL 1980' FEL

NW/SE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-31722; Lease #UTU-72107

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Perforate and fracture the proposed zones. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Federal #33-10-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Federal #33-10-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3855'-5510'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3647' and the TD is at 5800'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Federal #33-10-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #UTU-72107) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 262' KB, and 5-1/2", 15.5# casing run from surface to 5776' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2367 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Monument Federal #33-10-9-16, for existing perforations (5142' - 5174') calculates at 0.90 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2367 psig. We will add the following perforations: 4668' – 4673' and 4987' - 4993'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Monument Federal #33-10-9-16, the proposed injection zone (4668' - 5174') is in the Garden Gulch to Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-8.

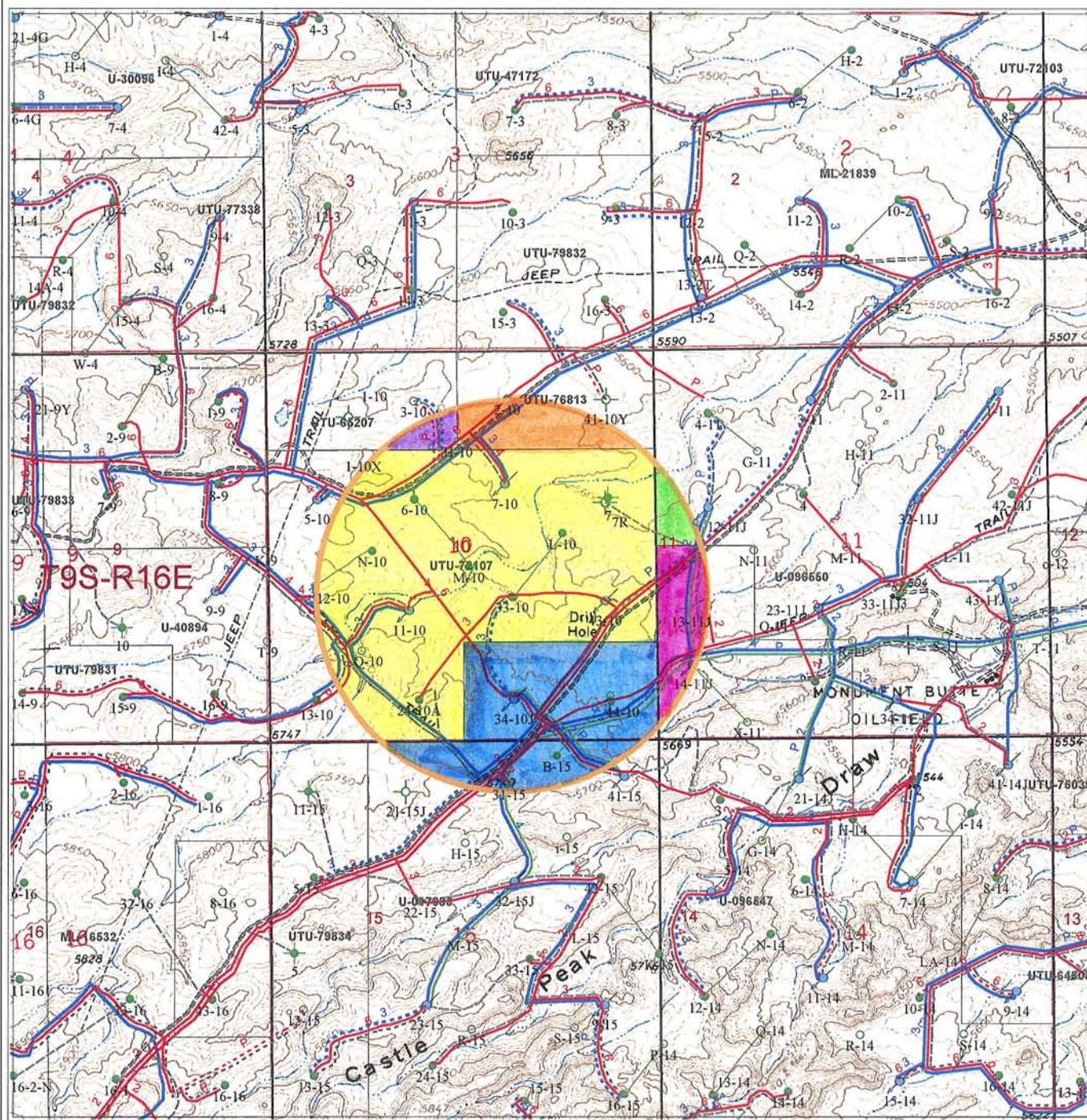
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - CTI
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Gas Pipelines**
- Gathering lines
 - Proposed lines
- Leases**
- Leases
 - Mining tracts
 - 33-10-9-16 1/2 mile radius

UTU-72107
 U-07985
 U-096547
 U-096550
 UTU-74813
 UTU-65207

ATTACHMENT A Federal 33-10-9-16 Section 10, T9S-R16E

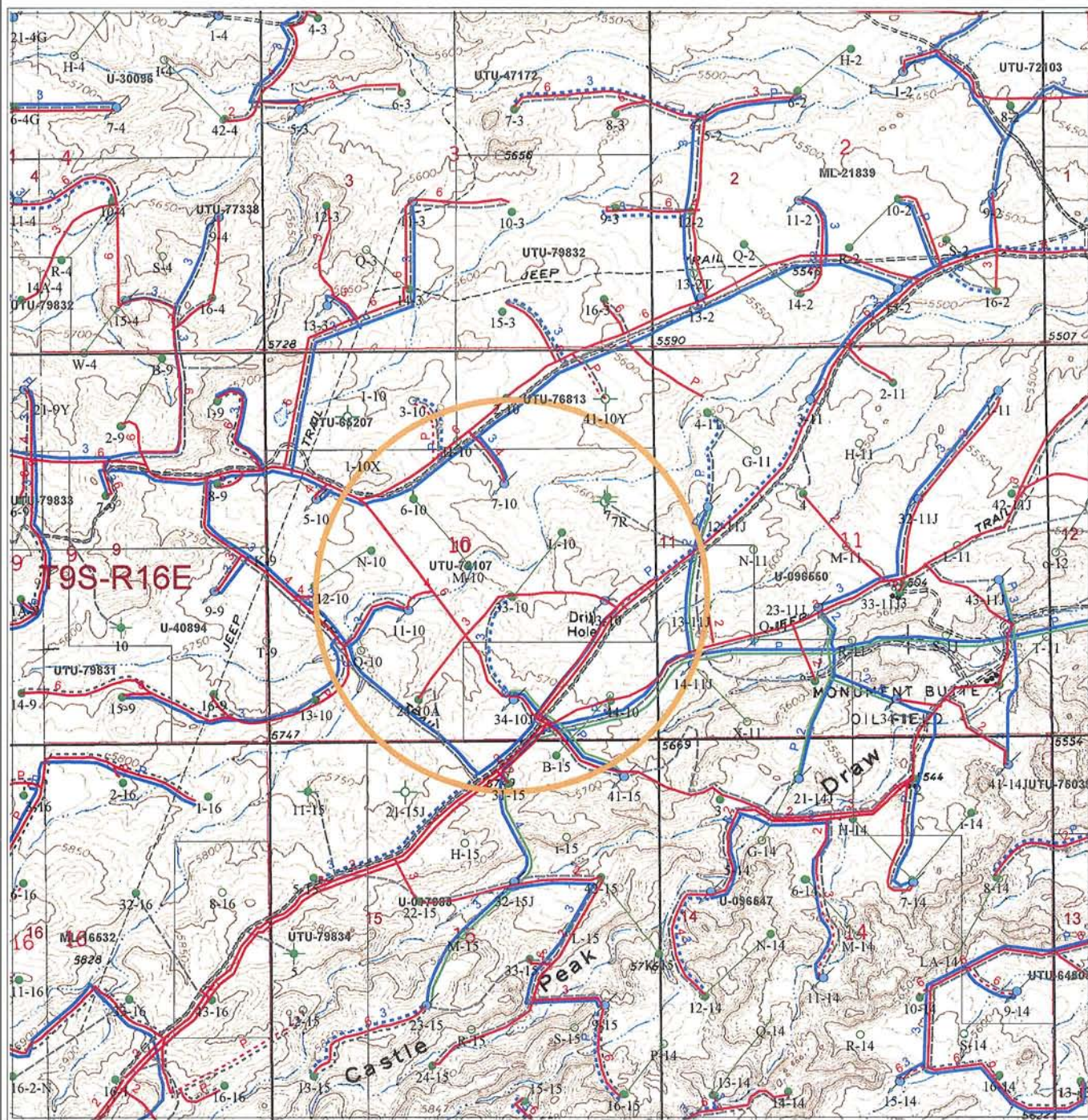
NEWFIELD
 ROCKY MOUNTAINS



1/2 Mile Radius Map
 Duchesne County

1001 17th Street Suite 2000
 Denver, Colorado 80202
 Phone: (303) 893-0102

January 21, 2009



- Well Status**
- Location
 - ⊕ CTI
 - ⊙ Surface Spud
 - ⊙ Drilling
 - ⊙ Waiting on Completion
 - Producing Oil Well
 - ⊙ Producing Gas Well
 - ⊙ Water Injection Well
 - ⊙ Dry Hole
 - ⊙ Temporarily Abandoned
 - ⊙ Plugged & Abandoned
 - ⊙ Shut In
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Gas Pipelines**
- Gathering lines
 - Proposed lines
- Leases**
- Leases
 - Mining tracts
 - 33-10-9-16 1/2mile radius

Federal 33-10-9-16
Section 10, T9S-R16E

NEWFIELD
ROCKY MOUNTAINS



1/2 Mile Radius Map
Duchesne County

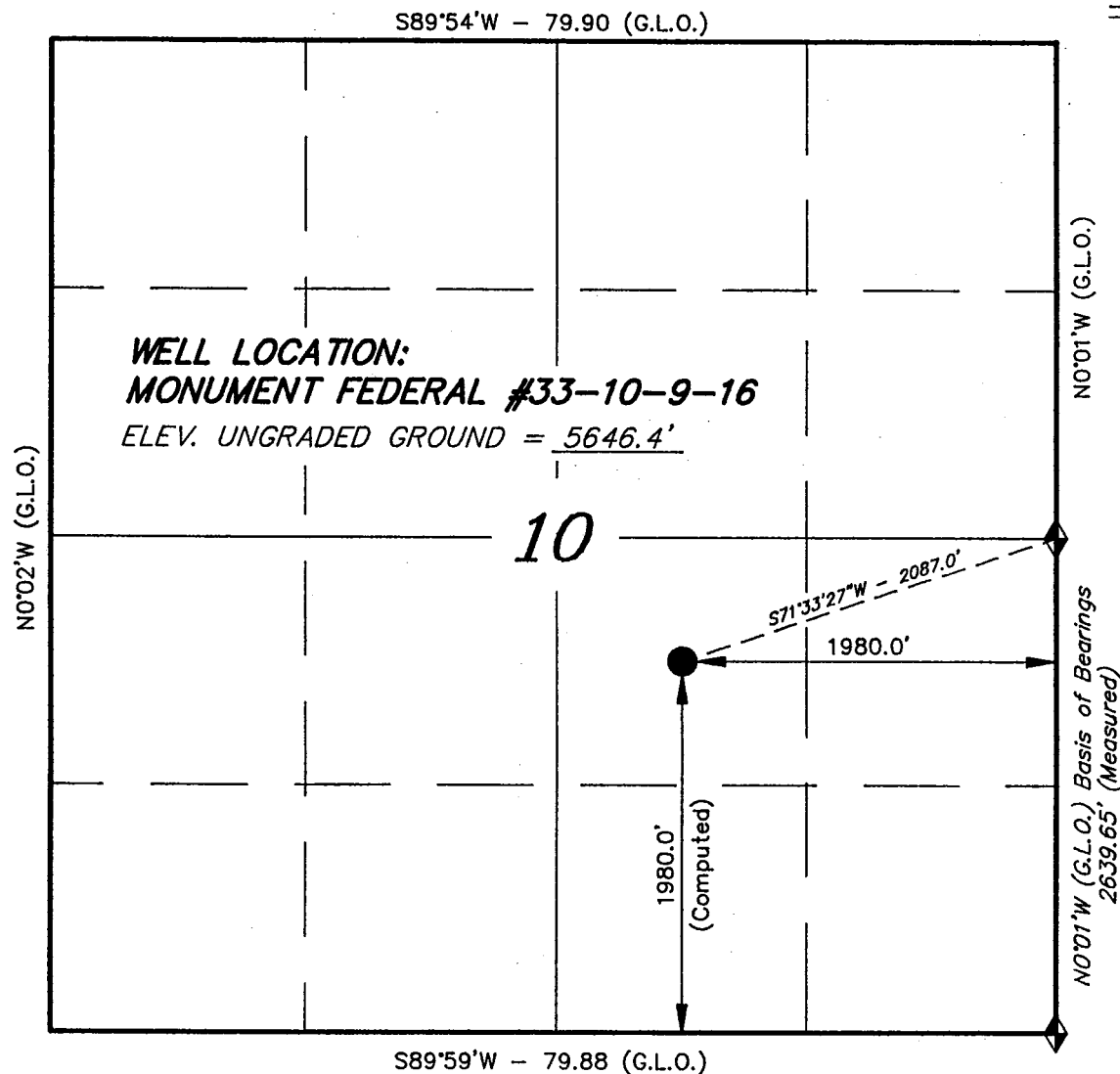
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

January 21, 2009

K

T9S, R16E, S.L.B.&M.

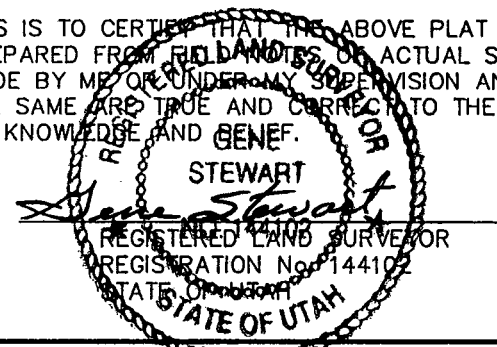
ATTACHMENT A-1
EQUITABLE RESOURCES ENERGY CO.



WELL LOCATION, MONUMENT FEDERAL #33-10-9-16, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 10, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 9-8-96	WEATHER: WARM
NOTES:	FILE #

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 9 South, Range 16 East</u> Section 10: S2N2, N2S2, S2SW	U-72107 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
2.	<u>Township 9 South, Range 16 East</u> Section 10: S2SE Section 15: E2, E2W2	U-017985 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
3.	<u>Township 9 South, Range 16 East</u> Section 11: W2SW, SESW Section 14: SWNE, SESE, W2SE, W2	UTU- 096547 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
4.	<u>Township 9 South, Range 16 East</u> Section 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE	UTU- 096550 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
5.	<u>Township 9 South, Range 16 East</u> Section 10: N2NE	UTU-76813 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 Yates Petroleum Corporation Yates Drilling Company Myco Industries Inc ABO Petroleum Corporation 105 S. Fourth St. Artesia, NM 88210	(Surface Rights) USA

EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
6.	<u>Township 9 South, Range 16 East</u> Section 9: NE, NENW Section 10: N2NW	UTU-65207 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 Yates Petroleum Corporation Yates Drilling Company Myco Industries Inc ABO Petroleum Corporation 105 S. Fourth St. Artesia, NM 88210	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Federal #33-10-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 27th day of April, 2009.

Notary Public in and for the State of Colorado: 

My Commission Expires: 2/10/2013



Monument Federal #33-10-9-16

Spud Date: 3-1-97

Put on Production: 04-3-97

GL: 5646' KB: 5656'

Initial Production: 70 BOPD,
74 MCFD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 5 jts @ 252.20

DEPTH LANDED: 262.20' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class G, est 10 bbls cement to the pit

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts (5765.87')

DEPTH LANDED: 5775.87' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 160 sx Premium Lite & 330 sx 50/50 Poz

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50

NO. OF JOINTS: 164 jts (5071.62')

TUBING ANCHOR: 5081.62'

NO. OF JOINTS: 4 jts (124.50')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5208.87'

NO. OF JOINTS: 1 jt perf sub (4.20')

NO. OF JOINTS: 1 jt (29.80')

TOTAL STRING LENGTH: 5244.37'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22'

SUCKER RODS: 3/4 x 2'-4" - 2 3/4 x 8' pony rods, 99- 3/4" guided rods, 82- 3/4" x 25' slick rods, 20- 3/4" x 25' guided rods, 6- 1 1/4" x 25' guided rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC pump

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5 SPM

FRAC JOB

03/21/97 5142'-5174'

Frac sand as follows:

23,932# 20/40 sand, & 59,116#

16/30 sand in 591 bbls 2% KCL gelled water.
Treated @ avg press of 1975 psi w/avg rate of
26.8 BPM. ISIP-2400 psi.

02/25/05

Pump change. Updated tubing and rod detail.

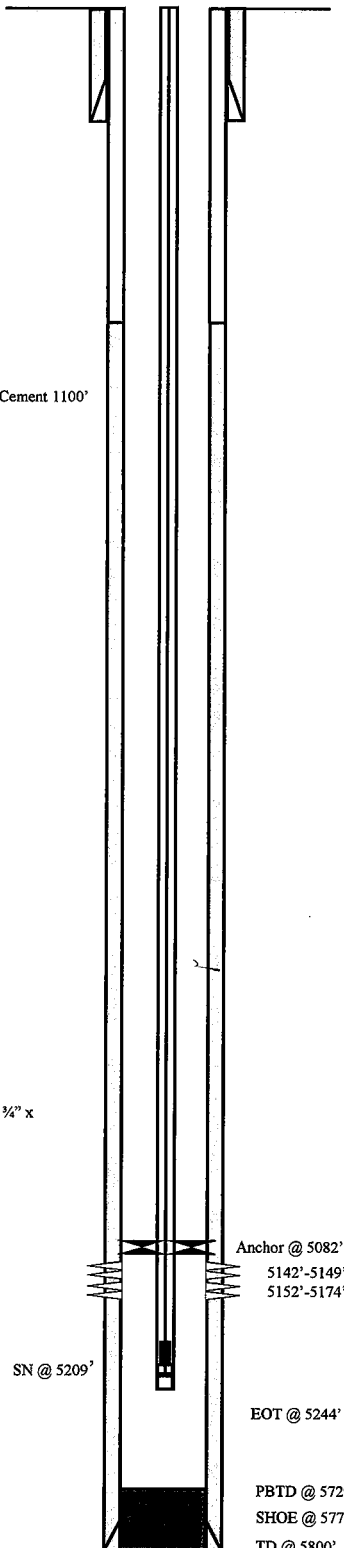
10/15/07

Parted rods, Updated rod & tubing details.

9-26-08

Pump change. Updated rod & tubing details.

Top of Cement 1100'

**PERFORATION RECORD**

3-20-97	5142'-5149'	4 JSPF	28 holes
3-20-97	5152'-5174'	4 JSPF	88 holes

NEWFIELD**Monument Federal #33-10-9-16**

1980 FSL 1980 FEL

NWSE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-31722; Lease #UTU-72107

Spud Date: 6/5/98
Put on Production: 7/13/98
GL: 5666.9' KB: 5678.9' (12"KB)

S. Wells Draw #6-10-9-16

Initial Production: 80 BOPD,
116 MCFD, 3 BWPD

Wellbore Diagram

SURFACE CASING

SIZE: 8 5/8" / J-55 / 24 #
LENGTH: 7 jts @ 297.86'
HOLE SIZE: 12 1/4"
DEPTH LANDED: 308'KB
CEMENT DATA: 120 sx Class G, est 4 bbls cmt to surface

PRODUCTION CASING

SIZE: 5 1/2" / J-55 / 15.5 #
LENGTH: 135 jts @ 5816'
HOLE SIZE: 7 7/8"
DEPTH LANDED: 5828'KB
CEMENT DATA: 340 sx Premium Lite & 410 sx 50/50 Poz
CEMENT TOP AT: 400'

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 166 jts (5157.93')
TUBING ANCHOR: 5169.93'
NO. OF JOINTS: 3 jts (96.84')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5269.57' KB
NO. OF JOINTS: 2 jts (62.10')
TOTAL STRING LENGTH: EOT @ 5333.17'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
SUCKER RODS: 1-1 1/2" x 8' wt. rod, 5-1 1/4" weight rods, 14 -3/4" scraped rods, 81-3/4" plain rods, 110-3/4" scraped rods, 1-4' x 3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC pump
STROKE LENGTH: 54"
PUMP SPEED, SPM: 4.5 SPM

FRAC JOB

7-03-98 5175'-5335' Frac A sand as follows:
115,110# 20/40 sand in 560 bbls Viking.
Perfs broke @ 2150 psi. Treated w/avg
press of 1975 psi w/avg rate of 30 BPM.
ISIP-2725 psi, 5 min 2375 psi. Flowback
on 12/64" ck for 4 hrs & died.

7-08-98 4895'-4911' Frac C sand as follows:
107,835# 20/40 sand in 546 bbls Viking.
Perfs broke @ 1850psi. Treated w/avg
press of 1870 psi w/avg rate of 28.6 BPM.
ISIP-3250 psi, 5 min 2762 psi. Flowback
on 12/64" ck for 4-1/2 hrs & died.

7-10-98 4234'-4263' Frac GB sand as follows:
105,040# 20/40 sand in 510 bbls Viking.
Perfs broke @ 2900 psi. Treated w/avg
press of 1750 psi w/avg rate of 26 BPM.
ISIP-2160 psi, 5 min 1799 psi. Flowback
on 12/64" ck for 3-1/2 hrs & died.

1/23/02 Tubing leak. Update rod and tubing details.

8/5/04 Tubing leak. Update rod and tubing details.

Cement Top @ 400'

4234' - 4237'

4239' - 4243'

4245' - 4248'

4259' - 4263'

4895' - 4899'

4901' - 4911'

Anchor @ 5170'

5175' - 5182'

5204' - 5206'

5208' - 5210'

5232' - 5235'

EOT @ 5333'

Top of fill @ 5430'

PBTD @ 5765'

SHOE/TD @ 5828'KB

PERFORATION RECORD

7-02-98	5175'-5182'	4 JSPF	28 holes
7-02-98	5204'-5206'	4 JSPF	8 holes
7-02-98	5208'-5210'	4 JSPF	8 holes
7-02-98	5332'-5335'	4 JSPF	12 holes
7-07-98	4895'-4899'	4 JSPF	16 holes
7-07-98	4901'-4911'	4 JSPF	40 holes
7-09-98	4234'-4237'	4 JSPF	12 holes
7-09-98	4239'-4243'	4 JSPF	16 holes
7-09-98	4245'-4248'	4 JSPF	12 holes
7-09-98	4259'-4263'	4 JSPF	16 holes



S. Wells Draw #6-10-9-16
1980 FNL & 1980 FWL
SENW Section 10-T9S-R16E
Duchesne Co, Utah
API #43-013-32041; Lease #U-72107

Spud Date: 5-12-98
Put on Production: 6-26-98
GL: 5644' KB: 5654'

S. Wells Draw #7-10-9-16

Initial Production: 192 BOPD,
190 MCFD, 2 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (315')
DEPTH LANDED: 315'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cmt, & 15 sxs Class "G" Neat,
est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5822')
DEPTH LANDED: 58.33'
HOLE SIZE: 7-7/8"
CEMENT DATA: 375 sxs Class "G" & 370 sxs 28:72 POZ III.
CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 132 jts (4115.66')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4116.76' KB
TUBING PACKER: 4119.74'
TOTAL STRING LENGTH: EOT @ 4124.08'

LOGS: DIGL/SP/GR/CAL 5850'-325'
CD/CN/GR 5850'-3000'

Injection

Wellbore Diagram

FRAC JOB

6-21-98 5171'-5238' Frac A sand as follows:
120,000# 20/40 sand in 569 bbls Viking.
Perfs broke @ 2840 psi. Treated w/avg
press of 1700 psi w/avg rate of 33 BPM.
ISIP-2150 psi, 5 min 1930 psi. Flowback
on 12/64" ck for 4 hrs & died.

6-24-98 4806'-4902' Frac D/C sand as follows:
87,000# 20/40 sand in 418 bbls Viking.
Perfs broke @ 1811 psi. Treated w/avg
press of 2450 psi w/avg rate of 30 BPM.
Screened out. ISIP-3810 psi, 5 min 2400 psi.
Flowback on 12/64" ck for 5-1/2 hrs & died.

6-26-98 4210'-4249' Frac GB sand as follows:
88,500# 20/40 sand in 563 bbls Viking.
Perfs broke @ 2720 psi. Treated w/avg
press of 1675 psi w/avg rate of 26.1 BPM.
ISIP-2280 psi, 5 min 2050 psi. Flowback
on 12/64" ck for 5 hrs & died.

9/24/01 Convert to injector.

Packer @ 4119'

PERFORATION RECORD

6-20-98	5171'-5174'	4 JSPF	12 holes
6-20-98	5176'-5180'	4 JSPF	16 holes
6-20-98	5204'-5212'	4 JSPF	32 holes
6-20-98	5228'-5238'	4 JSPF	40 holes
6-23-98	4806'-4810'	4 JSPF	16 holes
6-23-98	4878'-4885'	4 JSPF	28 holes
6-23-98	4897'-4902'	4 JSPF	20 holes
6-25-98	4210'-4216'	4 JSPF	24 holes
6-25-98	4231'-4239'	4 JSPF	32 holes
6-25-98	4242'-4249'	4 JSPF	24 holes

4210'-4216' GB

4231'-4239' GB

4242'-4249' GB

4806'-4810' D/C

4878'-4885' D/C

4897'-4902' D/C

5171'-5174' A

5176'-5180' A

5204'-5212' A

5228'-5238' A

SN @ 5270'
EOT @ 4124'
Sand fill @ 5505'
PBTD @ 5781'
TD @ 5850'



S. Wells Draw #7-10-9-16
1795 FNL & 2053 FEL
SWNE Section 10-T9S-R16E
Duchesne Co, Utah
API #43-013-32042; Lease #U-72107

S. Wells Draw #13-10-9-16

Spud Date: 8/15/98
Put on Production: 9/16/98
GL: 5738' KB: 5748' (10' KB)

SURFACE CASING

CEMENT TOP AT: Surface per CBL

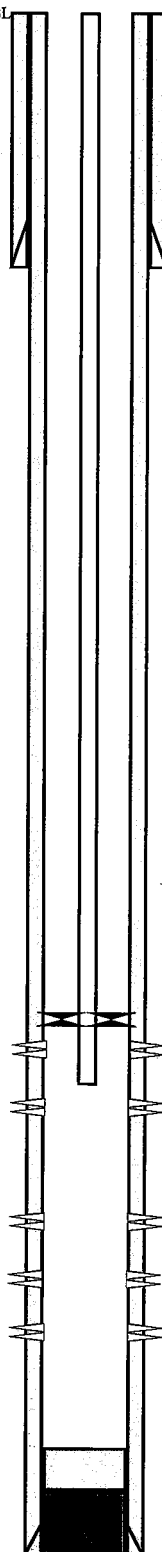
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (294')
DEPTH LANDED: 304' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sx Premium cmt & 45 sx Class "G", est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5834')
SET AT: 5843' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx Premium modified mixed & 300 sx class "G"
CEMENT TOP AT: Surface per cement bond log (Schlumberger)

TUBING

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 162 jts
TUBING ANCHOR: 4861.19' KB
SEATING NIPPLE: 2-7/8"
TOTAL STRING LENGTH: EOT @ 5053.06' KB
SN LANDED AT: 4988.98' KB

Proposed Injection
Wellbore Diagram

Initial Production: 12 BOPD,
86 MCFD, 2 BWPD

FRAC JOB

9/11/98 4836'-4972' Frac B-1
& B-2 sand as follows:
112,100# 20/40 sand in 548
bbls Viking I-25. Perfs broke @ 3118 psi
@ 21 BPM. Treated w/avg press of 2080
psi w/avg rate of 30.4 BPM. ISIP-2300
psi, 5 min 2180 psi. Flowback on
12/64" ck for 3.5 hrs & died.

9/13/98 4416'-4428' Frac PB-10
sand as follows:
8,220# 20/40 sand in 66 bbls
Viking I-25 fluid. Perfs broke @ 3990
psi. Treated w/avg press of 2220 psi
w/avg rate of 12.6 BPM. ISIP-1600 psi, 5
min 1485 psi. Flowback on 12/64" ck for 1
hr & died.

PERFORATION RECORD

9/9/98	4836'-4840'	4
JSPF	16 holes	
9/9/98	4933'-4936'	4
JSPF	12 holes	
9/9/98	4958'-4964'	4
JSPF	24 holes	
9/9/98	4966'-4972'	4
JSPF	24 holes	
4416'-4428'	4 JSPF	48
holes		



S. Wells Draw #13-10-9-16
610 FSL 632 FWL
SWSW Section 10-T9S-R16E
Duchesne Co, Utah
API #43-013-32047; Lease #UTU-72107

Spud Date: 8/6/08
Put on Production: 9/12/08
GL: 5651' KB: 5663'

S. Wells Draw #L-10-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (314.13')
DEPTH LANDED: 325.98'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 160 sx Class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts (6486.62')
DEPTH LANDED: 6231.97'
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sx Premlite II and 450 sx 50/50 poz
CEMENT TOP AT: 34'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5222.70')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5298.53' KB
NO. OF JOINTS: 2 (61.72)
TOTAL STRING LENGTH: EOT @ 5361.80'

SUCKER RODS

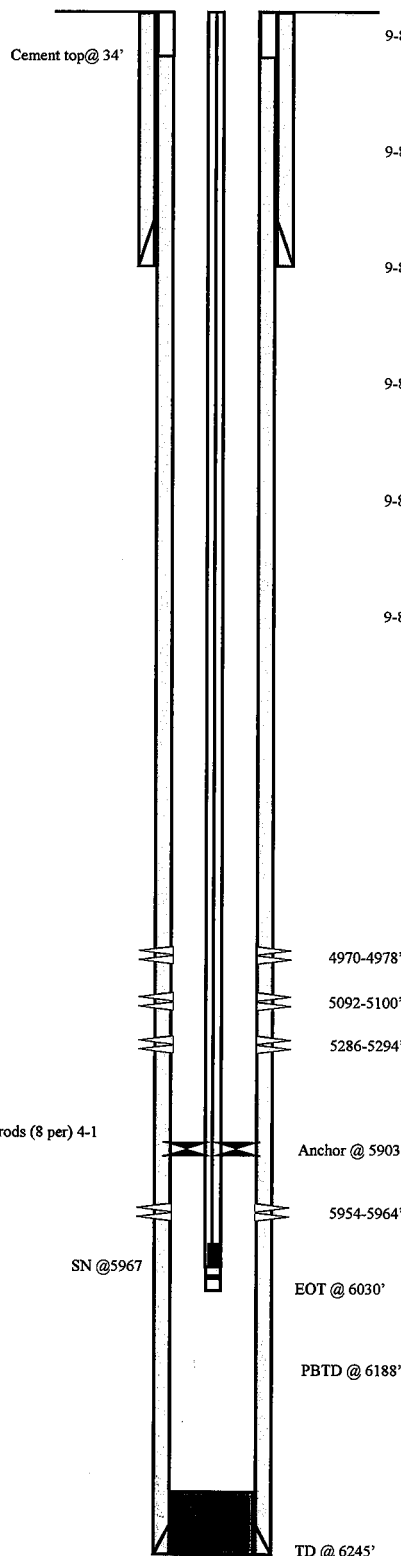
POLISHED ROD: 1-1/2" x 26' polished rod
SUCKER RODS: 1-2', 4', 8', x 7/8" pony subs, 207- 7/8" guided rods (8 per) 4-1 1/2" wt bars, shear coupler
PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 20.5" RHAC rod pump- CDI
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5

FRAC JOB

9-8-08	5954-5964'	Frac A1 sds as follows: Frac w/29,513# 20/40 sand in 402 bbls of Lightning 17 fluid. Broke @ 2954 psi. Treated w/ ave pressure of 2489 psi w/ ave rate of 23.1 BPM. ISIP 2421 psi. Actual flush: 4780 gals.
9-8-08	5124-5136'	Frac B2 sds as follows: Frac w/45,017# 20/40 sand in 445 bbls of Lightning 17 fluid. Broke @ 2825 psi. Treated w/ ave pressure of 2450 psi w/ ave rate of 23.1 BPM. ISIP 2437 psi. Actual flush: 4620 gals.
9-8-08	4978-4986'	Frac C sds as follows: Frac w/35,060# 20/40 sand in 433 bbls of Lightning 17 fluid. Broke @ 3424 psi. Treated w/ ave pressure of 2729 psi w/ ave rate of 22.6 BPM. ISIP 2441 psi. Actual flush: 4473 gals.
9-8-08	4794-4804'	Frac D1 sds as follows: Frac w/25,061# 20/40 sand in 347 bbls of Lightning 17 fluid. Broke @ 3793 psi. Treated w/ ave pressure of 2586 psi w/ ave rate of 23.1 BPM. ISIP 2360 psi. Actual flush: 4204 gals.
9-8-08	4288-4300'	Frac GB6 sds as follows: Frac w/40,996# 20/40 sand in 393 bbls of Lightning 17 fluid. Broke @ 4200 psi. Treated w/ ave pressure of 1993 psi w/ ave rate of 22.6 BPM. ISIP 2053 psi. Actual flush: 3784 gals.
9-8-08	4116-4130'	Frac GG2 sds as follows: Frac w/26,166# 20/40 sand in 343 bbls of Lightning 17 fluid. Broke @ 4123 psi. Treated w/ ave pressure of 1950 psi w/ ave rate of 23.1 BPM. ISIP 1825 psi. Actual flush: 4032 gals.

PERFORATION RECORD

9-8-08	4116-4130'	4 JSPF	56 holes
9-8-08	4288-4300'	4 JSPF	48 holes
9-8-08	4794-4804'	4 JSPF	40 holes
9-8-08	4978-4986'	4 JSPF	32 holes
9-8-08	5124-5136'	4 JSPF	48 holes
9-8-08	5286-5294'	4 JSPF	32 holes



S. Wells Draw #L-10-9-16
1975' FSL & 1960' FEL
NWSE Section 10-T9S-R16E
Duchesne Co, Utah
API #43-013-33765; Lease # UTU-72107

S. Wells Draw #M-10-9-16

Spud Date: 7/24/08
Put on Production: 8/28/08
GL:5672' KB:5684'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (313.32')
DEPTH LANDED: 325.17'
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6234.27)
DEPTH LANDED: 6247.52'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx Premilite II and 425 sx 50/50 poz
CEMENT TOP AT: surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 192 jts (5903.31')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5966.92' KB
NO. OF JOINTS: 2 (61.91)
TOTAL STRING LENGTH: EOT @ 6030.38

SUCKER RODS

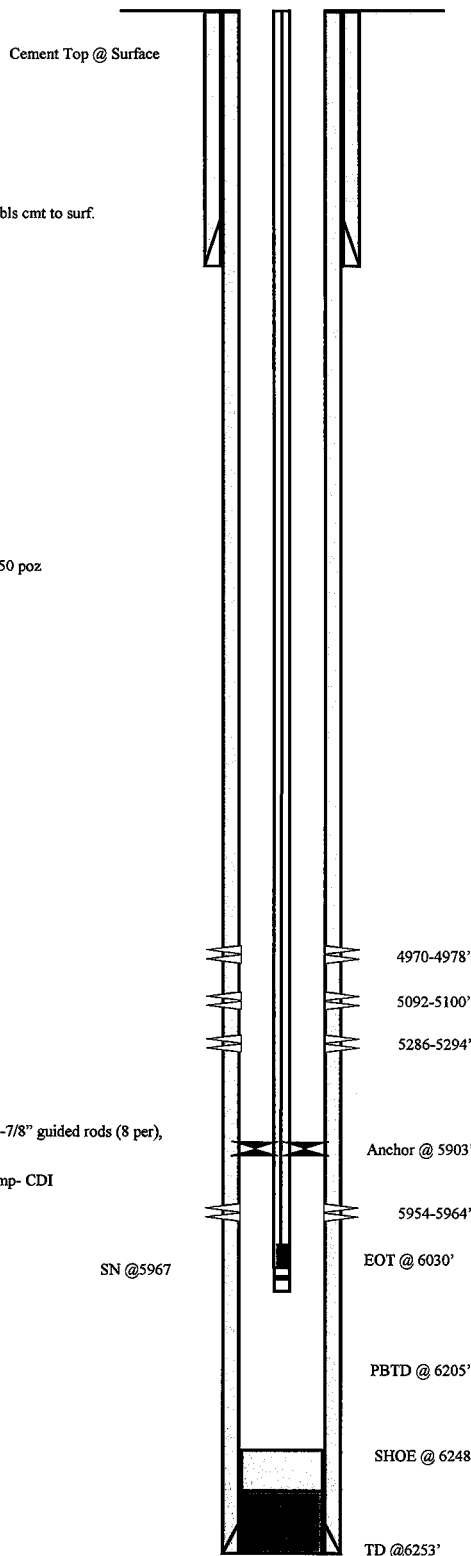
POLISHED ROD: 1-1/2" x 26' polished rod
SUCKER RODS: 1-2', 4', 6', 8' x 7/8" pony subs, 233-7/8" guided rods (8 per), 4- 1 1/2" weight bars
PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC rod pump- CDI
STROKE LENGTH: 122
PUMP SPEED, SPM: 5

FRAC JOB

8-20-08 5954-5964' **Frac CP4 sds as follows:**
25,452# 20/40 sand in 405 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1848 psi w/ ave rate of 22.6 BPM. ISIP 1548 psi. Actual flush: 5363 gals.
8-20-08 5286-5294' **Frac A1 sds as follows:**
30,053# 20/40 sand in 403 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2149 psi w/ ave rate of 22.6 BPM. ISIP 2118 psi. Actual flush: 4780 gals.
8-20-08 5092-5100' **Frac B2 sds as follows:**
25,226# 20/40 sand in 362 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2185 psi w/ ave rate of 22.5 BPM. ISIP 2109 psi. Actual flush: 4502 gals.
8-20-08 4970-4978' **Frac C sds as follows:**
25,358# 20/40 sand in 358 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2309 psi w/ ave rate of 22.6 BPM. ISIP 2190 psi. Actual flush: 5868 gals.

PERFORATION RECORD

8-20-08	4970-4978'	4 JSPF	32 holes
8-20-08	5092-5100'	4 JSPF	32 holes
8-20-08	5286-5294'	4 JSPF	32 holes
8-20-08	5954-5964'	4 JSPF	40 holes



NEWFIELD

S. Wells Draw #M-10-9-16
1993' FNL & 1980' FWL
SENW Section 10-T9S-R16E
Duchesne Co, Utah
API #43-013-33778; Lease # UTU-72107

TW 03/16/09

S. Wells Draw #N-10-9-16

Spud Date: 8/03/08
Put on Production: 9/09/08
GL: 5712' KB: 5724'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.99')
DEPTH LANDED: 324.84'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160sx of Class "G" cement

PRODUCTION CASING

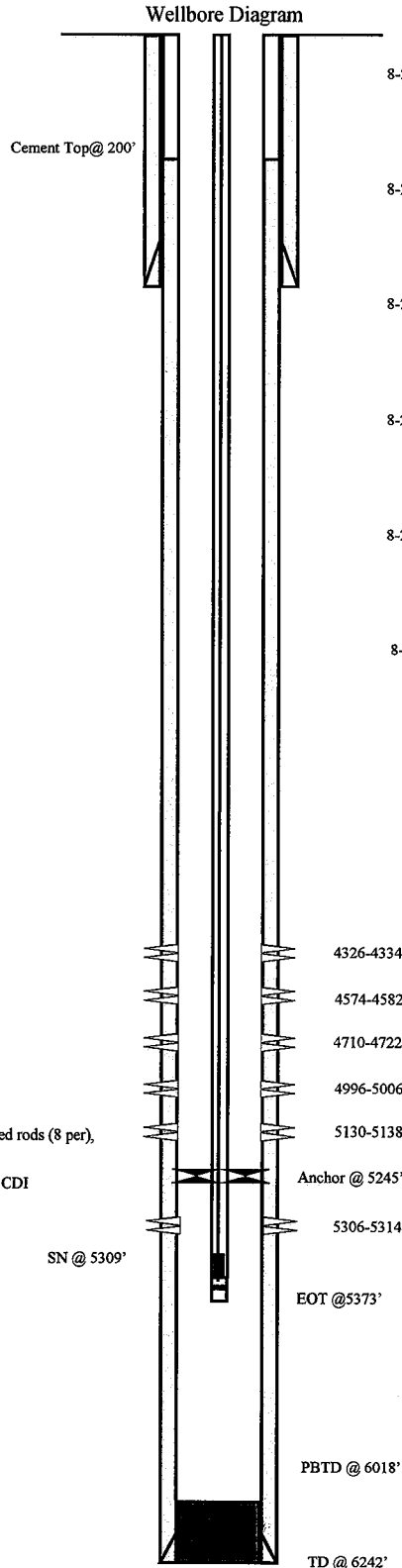
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts. (6496.62')
DEPTH LANDED: 6254.87'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300sx of Prelite & 400 sx of 50/50 poz
CEMENT TOP AT: 200'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5232.78')
TUBING ANCHOR: 5244.78'
NO. OF JOINTS: 2 jts (61.69')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5309.27'
NO OF JOINTS: 2 jts (61.70')
TOTAL STRING LENGTH: EOT @ 5372.57'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod.
SUCKER RODS: 1-2', 6', 8' x 7/8" pony subs, 207-7/8" guided rods (8 per),
4-1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 19.5 RHAC rod pump- CDI
STROKE LENGTH: 102"
PUMP SPEED, SPM: 5

Wellbore DiagramFRAC JOB

8-29-08	5306-5314'	Frac A1 sds as follows: Frac w/40,245#s of 20/40 sand in 430 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2781 psi w/ ave rate of 22.9 BPM. ISIP 4100 psi. Actual flush: 4885 gals.
8-29-08	5130-5138'	Frac B2 sds as follows: Frac w/24,627#s of 20/40 sand in 360 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2215 psi w/ ave rate of 23.1 BPM. ISIP 2003 psi. Actual flush: 4624 gals.
8-29-08	4996-5006'	Frac C sds as follows: Frac w/45,080#s of 20/40 sand in 438 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2077 psi w/ ave rate of 22.8 BPM. ISIP 2192 psi. Actual flush: 4507 gals.
8-29-08	4710-4722'	Frac DS1 sds as follows: Frac w/30,050#s of 20/40 sand in 385 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2236 psi w/ ave rate of 23.0 BPM. ISIP 2291 psi. Actual flush: 4200 gals.
8-29-08	4574-4582'	Frac PB11 sds as follows: Frac w/25,866#s of 20/40 sand in 350 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2153 psi w/ ave rate of 23.0 BPM. ISIP 2211 psi. Actual flush: 4066 gals.
8-29-08	4326-4334'	Frac GB6 sds as follows: Frac w/31,865#s of 20/40 sand in 353 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1971 psi w/ ave rate of 22.9 BPM. ISIP 1951 psi. Actual flush: 4242 gals.

PERFORATION RECORD

8-29-08	4326-4334'	4 JSPF	32 holes
8-29-08	4574-4582'	4 JSPF	32 holes
8-29-08	4710-4722'	4 JSPF	48 holes
8-29-08	4996-5006'	4 JSPF	40 holes
8-29-08	5130-5138'	4 JSPF	32 holes
8-29-08	5306-5314'	4 JSPF	32 holes



S. Wells Draw #N-10-9-16
2151' FSL & 623' FWL
NWSW Section 10-T9S-R16E
Duchesne Co, Utah
API #43-013-33779; Lease #UTU-72107

Castle Peak Fed. #24-10A-9-16

Spud Date: 5/20/82
Put on Production: 6/28/82

GL: 5702' KB: 5712'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 32#
LENGTH:
DEPTH LANDED: 260' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 190 sxs cement.

PRODUCTION CASING

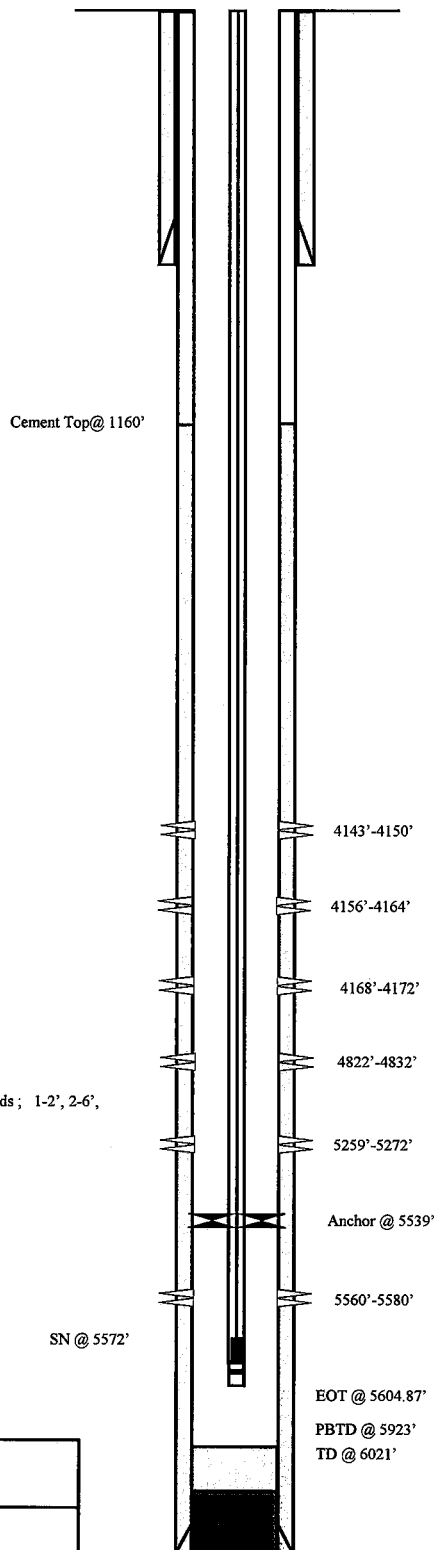
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH:
DEPTH LANDED: 5997' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 1165 sxs cement.
CEMENT TOP AT: 1160' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55
NO. OF JOINTS: 178 jts (5528.60')
TUBING ANCHOR: 5538.60'
NO. OF JOINTS: 1 jts (31.05')
SEATING NIPPLE: 2-3/8" (1.10')
SN LANDED AT: 5572.45'
NO. OF JOINTS: 1 jts (30.92')
TOTAL STRING LENGTH: EOT @ 5604.87'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 6-1 1/4" weight bars; 214-3/4" scraped rods; 1-2', 2-6',
1-8' x 3/4" pony rods.
PUMP SIZE: 2" x 1-1/2" x 16' RWAC w/ sm plunger
STROKE LENGTH: 74
PUMP SPEED, SPM: 5

Wellbore Diagram

Initial Production: 47 BOPD,
14 MCFD, 0 BWPD

FRAC JOB

6/10/82	5560'-5580'	Frac CP sand as follows: 33,000# 20/40 sand + 12,000# 10/20 sand in 690 bbls YF4PSD frac fluid. Treated @ avg press of 1450 psi w/avg rate of 12 BPM. ISIP 1700 psi. Calc. flush: 5560 gal. Actual flush: 5544 gal.
6/11/82	5259'-5272'	Frac LODC sand as follows: 29,000# 20/40 sand + 6,320# 10/20 sand in 644 bbls YF4PSD frac fluid. Treated @ avg press of 1450 psi w/avg rate of 10 BPM. ISIP 3800 psi. Calc. flush: 5259 gal. Actual flush: 5334 gal.
6/12/82	4822'-4832'	Frac C sand as follows: 9,326# 20/40 sand in 375 bbls YF4PSD frac fluid. Treated @ avg press of 1950 psi w/avg rate of 10 BPM. ISIP 3400 psi. Calc. flush: 4822 gal. Actual flush: 126 gal.
6/16/02	4143'-4172'	Frac GB4 sand as follows: 63,600# 20/40 sand in 471 bbls Viking I-25 frac fluid. Treated @ avg press of 2000 psi w/avg rate of 25.7 BPM. ISIP 2080 psi. Calc. flush: 4143 gal. Actual flush: 4074 gal.
1/27/06		Pump change. Update rod and tubing details
12/21/07		Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

6/09/82	5560'-5580'	2 JSPF	40 holes
6/11/82	5259'-5272'	2 JSPF	26 holes
6/12/82	4822'-4832'	2 JSPF	20 holes
6/16/02	4168'-4172'	4 JSPF	16 holes
6/16/02	4156'-4164'	4 JSPF	32 holes
6/16/02	4143'-4150'	4 JSPF	28 holes

NEWFIELD**Castle Peak Fed. #24-10A-9-16**

660' FSL & 1980' FWL

SESW Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-30555; Lease #U-017985

Monument Fed. #34-10J-9-16

Spud Date: 1/12/94
 Put on Production: 2/15/94
 Put on Injection: 11/09/94
 GL: 5716' KB: 5726'

Initial Production: 43 BOPD,
 172 MCFD, 07 BWPD

Injection
Wellbore DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (266.87')
 DEPTH LANDED: 274'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt. 5 bbl. to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5832.04')
 DEPTH LANDED: 5832.04'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 110 sxs Hilift + 290 sxs Class "G".
 CEMENT TOP AT: 2730' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 146 jts. (4616.62' KB)
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4617.72' KB
 TUBING PACKER: 4624.7' KB
 STRING LENGTH: EOT @ 4624.72' KB

FRAC JOB

1/31/94 4865'-5019' **Frac zone as follows:**
 32,000# 16/30 sand in 311 bbls frac fluid.
 Treated @ avg press of 2500 psi w/avg
 rate of 29.6 BPM. ISIP 2600 psi. Calc.
 flush: 4865 gal, Actual flush: 1408 gal.
 Screened out.

2/07/94 4700'-4711' **Frac zone as follows:**
 35,720# 16/30 sand in 414 bbls frac fluid.
 Treated @ avg press of 2500 psi w/avg
 rate of 25 BPM. ISIP 2000 psi. Calc.
 flush: 4700 gal, Actual flush: 4698 gal.

10/29/08 Zone Stimulation. Updated tubing detail.

Cement Top @ 2730'

Packer @ 4624'

4700'-4711' D-1 sds

4865'-4872' C sds

5015'-5019' B-2 sds

SN @ 4617'

EOT @ 4624'

PBD @ 5787'

TD @ 5850'

PERFORATION RECORD

1/28/94	5015'-5019'	2 SPF	08 holes
1/28/94	4865'-4872'	1 SPF	07 holes
2/03/94	4700'-4711'	2 SPF	22 holes



Monument Butte Fed. #34-10J-9-16
 592' FSL & 1979' FEL
 SWSE Section 10-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31416; Lease #U-107985

**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory
349 PR 4473
Sonora, TX 76950

multi-chem

Water Analysis ReportProduction Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-20258**Well Name: **FED 33-10-9-16**Sample Point: **Tank**Sample Date: **1 /13/2009**Sales Rep: **Randy Huber**Lab Tech: **Joseph Sadler**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/29/2009	Cations	mg/L	Anions	mg/L
Temperature (°F):	160	Calcium (Ca):	240.00	Chloride (Cl):	8000.00
Sample Pressure (psig):	0	Magnesium (Mg):	97.60	Sulfate (SO ₄):	80.00
Specific Gravity (g/cm ³):	1.0100	Barium (Ba):	45.72	Dissolved CO ₂ :	0.01
pH:	9.2	Strontium (Sr):	-	Bicarbonate (HCO ₃):	1586.00
Turbidity (NTU):	-	Sodium (Na):	5250.00	Carbonate (CO ₃):	-
		Potassium (K):	-	H ₂ S:	0.01
		Iron (Fe):	58.11	Phosphate (PO ₄):	-
		Manganese (Mn):	0.81	Silica (SiO ₂):	-
Calculated T.D.S. (mg/L):	15358	Lithium (Li):	-	Fluoride (F):	-
Molar Conductivity (µS/cm):	23270	Aluminum (Al):	-	Nitrate (NO ₃):	-
Resistivity (Mohm):	0.4297	Ammonia NH ₃ :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
160	0	202.78	136.60	0.01	-1896.20	0.01	-1715.00	-	-	18.66	69.67	0.01
80	0	188.09	202.03	0.01	160.98	0.01	-2799.10	-	-	92.70	76.08	0.01
100	0	210.95	203.42	0.01	164.43	0.01	-2628.20	-	-	60.51	75.21	0.01
120	0	219.39	188.60	0.01	155.03	0.01	-2365.00	-	-	40.26	73.94	0.01
140	0	215.95	164.51	0.01	136.67	0.01	-2049.20	-	-	27.22	72.14	0.01
160	0	202.78	136.60	0.01	114.07	0.01	-1715.00	-	-	18.66	69.67	0.01
180	0	183.35	109.76	0.01	91.86	0.02	-1388.90	-	-	12.98	66.40	0.01
200	0	160.95	86.67	0.02	72.57	0.03	-1088.60	-	-	9.18	62.31	0.01
220	2.51	136.64	68.76	0.02	57.50	0.04	-837.36	-	-	6.48	57.16	0.01
240	10.3	114.57	54.06	0.02	45.05	0.06	-613.20	-	-	4.73	51.36	0.01
260	20.76	94.20	42.72	0.02	35.34	0.10	-430.67	-	-	3.49	44.60	0.01
280	34.54	75.98	34.07	0.02	27.77	0.16	-287.62	-	-	2.59	36.62	0.01
300	52.34	60.06	27.50	0.02	21.78	0.25	-179.64	-	-	1.92	27.04	0.01

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

Notes:



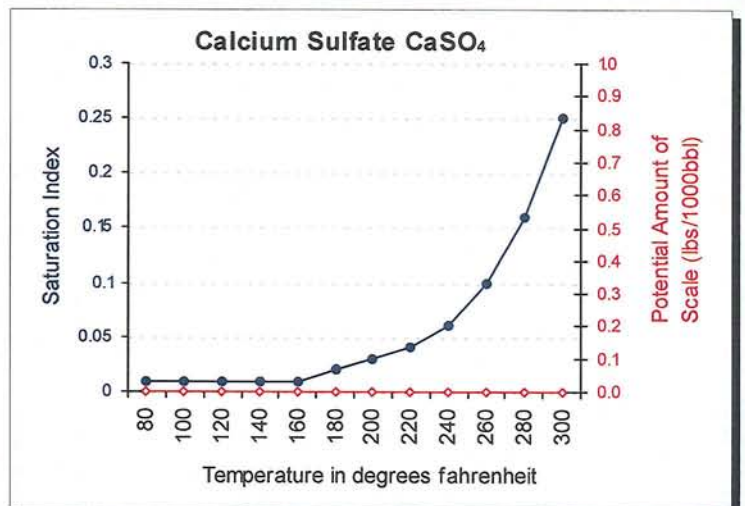
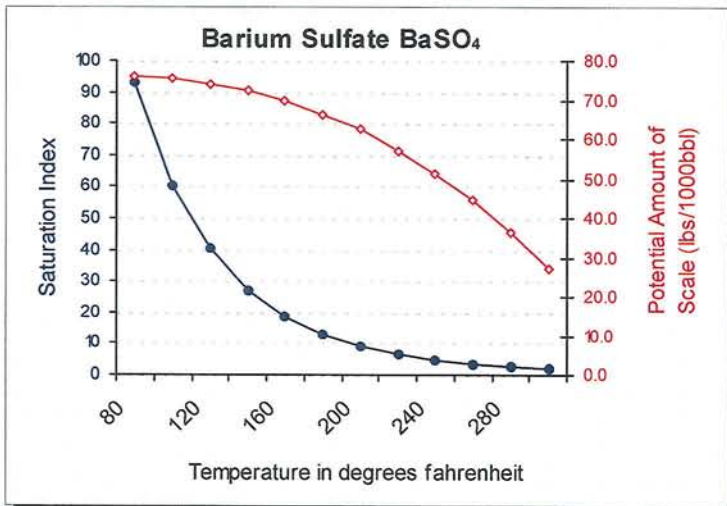
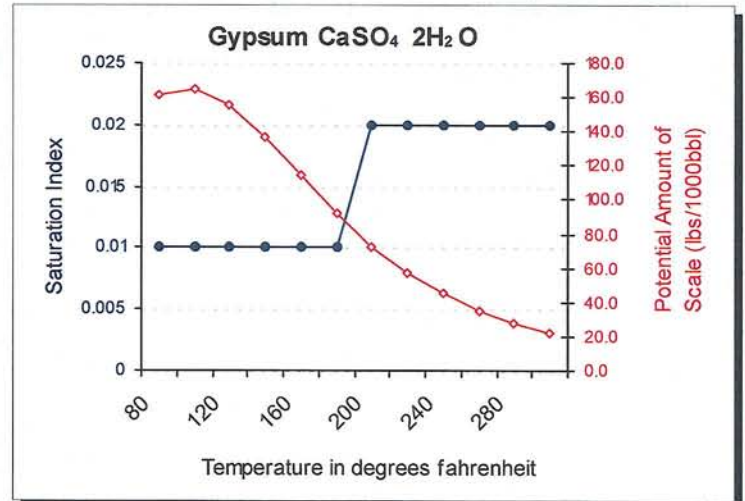
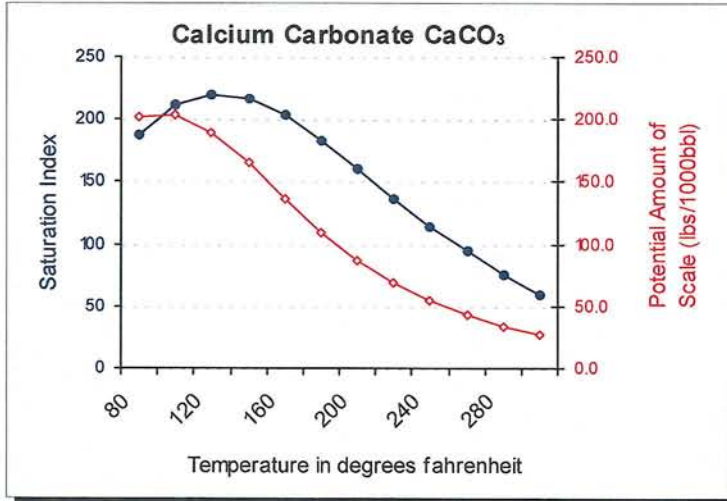
Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
349 PR 4473
Sonora, TX 76950

multi-chem®

Scale Prediction Graphs

Well Name: **FED 33-10-9-16**

Sample ID: **WA-20258**



Attachment "G"

**Monument Federal #33-10-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5142	5174	5158	2400	0.90	2367
				Minimum	<u>2367</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

EQUITABLE RESOURCES ENERGY COMPANY
DAILY COMPLETION & WORKOVER REPORT

Date: 3.19.97

Well Name & No.		<u>MONUMENT FED. 33-10-9-16</u>						Field		<u>MONUMENT WHITE</u>	
Sec:	<u>10</u>	Twp.	<u>2 S</u>	Rng.	<u>16 E</u>	County	<u>DUCHENE</u>	State	<u>UT.</u>		
Td.	<u>5800</u>	Pbld.	<u>5601</u>	Kbm.	<u>10</u>	Gmd. Level	<u>5646</u>	Fill		Date	
Tbg. Size	<u>2 7/8</u>	Type	<u>EHE</u>	Grade	<u>1100</u>	Thrd.	<u>QBD.</u>	Wt.	<u>6.5</u>	Rng.	<u>2</u>
Tbg. Size		Type		Grade		Thrd.		Wt.		Rng.	
Csg. Size	<u>5 1/2</u>	Type	<u>LT+CTST29'</u>	Grade	<u>555</u>	Thrd.	<u>QBD.</u>	Wt.	<u>15.5</u>	Rng.	<u>3</u>
Csg. Size		Type		Grade		Thrd.		Wt.		Rng.	
Liner Size		Type		Grade		Thrd.		Wt.		Rng.	

Perforations / Open Hole :

Reason For Job NEW COMPLETION Present Operation
Csg. Press. Tbg. Press. Weather

DESCRIPTION OF OPERATIONS & COMMENTS	
1	1. The first step in the process is to identify the problem or objective.
2	2. Next, we need to gather relevant data and information.
3	3. Once data is collected, it should be analyzed to identify patterns and trends.
4	4. Based on the analysis, a plan or strategy should be developed.
5	5. The plan is then implemented, and progress is monitored.
6	6. Finally, the results are evaluated to determine if the objective was achieved.

TIME

TIME	DESCRIPTION OF OPERATIONS
1100	MIBU CANNON WELL SERVICE RIG #2

NU 5-M WELL HEAD, N4 BOP.

NO. 5-M WELL DECK, NG 121
TTH w/ 4 3/4" BIT, 5 1/2" CBG, SCRAPER + 186 JTS, 2 7/8 TBO.
TAG PBD AT 5729, KB.
5604

CIRCULATE HOLE CLEAN W/121 BBL. 2% KCL WATER.

PRESS. BOP & CSG. TO 1000 PSI, OK.

1900	SWIFEN
------	--------

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: _____ bbls. Of WATER
 _____ bbls. Of _____

Completion Rig	\$ 1148	Tbg. Its.	Fl.	\$	Chemicals	\$
Bop Rental	\$ 170	Rods Its.	Ft.	\$	Cementing	\$
Tank Rental	\$ 90	Ponies & Pups		\$	Rig Anchors	\$ 850
Hot Oilier	\$	Down Hole Pump		\$	Cats & Graders	\$ 340
Completion Fluid	\$	Ta, Ma, sn,		\$		\$
Log & perferate	\$	Well Head Equip.		\$		\$
Stimulation	\$	Valves & Fittings		\$		\$
Contract Labor	\$	Treater / Separator		\$		\$
Down Hole Tools (rental)	\$	Tanks		\$		\$
Equipment Rental	\$ 90	Pump Unit / Engines		\$		\$
Transportation	\$	Dll Tools (Purchase)		\$	Supervision	\$

Operations Supervisor

Dale Griffin

EQUITABLE RESOURCES ENERGY COMPANY

DAILY COMPLETION & WORKOVER REPORT

Date: 3.20.97

Well Name & No. <u>MONUMENT FED. 33-10-9-16</u>		Field <u>MONUMENT BUTTE</u>	
Sec. <u>10</u>	Twp. <u>9 S</u>	Rng. <u>12 E</u>	County <u>DUCHESSNE</u> State <u>WY.</u>
Td. <u>5800</u>	Pbtd. <u>5729</u>	Kbm. <u>10</u>	Grnd. Level <u>5146</u> Fill _____ Date _____
Tbg. Size <u>2 3/4</u>	Type <u>EUE</u>	Grade <u>M 350</u>	Thrd. <u>8 BD.</u> Wt. <u>6.5</u> Rng. <u>2</u>
Tbg. Size _____	Type _____	Grade _____	Thrd. _____ Wt. _____ Rng. _____
Csp. Size <u>5 1/2</u>	Type <u>LYC</u>	Grade <u>J 55</u>	Thrd. <u>8 BD.</u> Wt. <u>15.5</u> Rng. <u>3</u>
Csg. Size _____	Type _____	Grade _____	Thrd. <u>10</u> Wt. _____ Rng. _____
Liner Size _____	Type _____	Grade _____	Thrd. _____ Wt. _____ Rng. _____

Perforations / Open Hole: 5742-49 , 5752-74

Reason For Job NEW COMPLETION Present Operation
Csg. Press. _____ Tbg. Press. _____ Weather _____

TIME	DESCRIPTION OF OPERATIONS & COMMENTS
0000	0000
0001	0001
0002	0002
0003	0003
0004	0004
0005	0005
0006	0006
0007	0007
0008	0008
0009	0009
0010	0010
0011	0011
0012	0012
0013	0013
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0015	0015
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0042	0042
0043	0043
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0048	0048
0049	0049
0050	0050
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0052	0052
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0070	0070
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0075	0075
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0090	0090
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0092	0092
0093	0093
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0095	0095
0096	0096
0097	0097
0098	0098
0099	0099

0700	RECHECK PSTD 5729 1KB. 186 JTS.
------	---------------------------------

POOH W/ TEB, SCROPPER + BIT

RUN CUTTER WIRE LINE TO RUN CBL & PERF.

BUN CBL FROM 5709' KB TO 820' KB, w/1000 PSI.

TOP OF CEMENT AT 1100 KB

PERFECT 5142-49 + 5152-74 4-SPF.

T.14 W/T3 RBP, RETRIEVING TOOL, 2 3/8 X 4' SUB, HD PKR, 2 7/8 SEAT NIPPLE + 170 JTS. 2 3/8 TEG.

SET BP AT 5219 'KB, EOT AT 5092 'KB, PKR. AT 5084 'KB.

BU BJ SERVICES + BREAK DOWN 5142-49 + 5152-74.

REFER TO TREATMENT REPORT. USED 97 BBL. WATER.

TOOL W/ TBC., PKR. + RETRIEVING TOOL. FLOW BACK 10 BBL. WATER.

1500 SWIFD

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: 203 bbls. Of WATER
 _____ bbls. Of _____

Completion Rig	\$ 1188	Tbg. _____	Jts. _____	Ft. _____	\$ _____	Chemicals _____	\$ _____
Bop Rental	\$ 170	Rods _____	Jts. _____	Ft. _____	\$ _____	Cementing _____	\$ _____
Tank Rental	\$ 90	Ponies & Pups _____			\$ _____	Rig Anchors _____	\$ _____
Hot Oil	\$ _____	Down Hole Pump _____			\$ _____	Cats & Graders _____	\$ _____
Completion Fluid	\$ _____	Ta, Ma, sn, _____			\$ _____		\$ _____
Log & perforate	\$ 5840	Well Head Equip. _____			\$ _____		\$ _____
Stimulation	\$ 2073	Valves & Fittings _____			\$ _____		\$ _____
Contract Labor	\$ _____	Treater / Separator _____			\$ _____		\$ _____
Down Hole Tools (rental)	\$ _____	Tanks _____			\$ _____		\$ _____
Equipment Rental	\$ 90	Pump Unit / Engines _____			\$ _____		\$ _____
Transportation	\$ _____	D H Tools (Purchase) _____			\$ _____	Supervision _____	\$ _____

EQUITABLE RESOURCES ENERGY COMPANY

DAILY COMPLETION & WORKOVER REPORT

Date: 3.21.97

Well Name & No. MONUMENT FED. 33-10-9-16 Field MONUMENT BUTTE
 Sec. 10 Twp. 9 S Rng. 16 E County DUCHESSNE State WY.
 Td. 5800 Pbitd. 5729 Kbm. 10 Grnd. Level 5446 Fill _____ Date _____
 Tbg. Size 1 7/8 Type EUE Grade M-150 Thrd. 8BD. Wt. 6.5 Rng. 2
 Tbg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Csg. Size 5 1/2 Type LT+L Grade J-55 Thrd. 8BD. Wt. 15.5 Rng. 3
 Csg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Liner Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____

Perforations / Open Hole: 5142-49 , 5152-74Reason For Job NEW COMPLETION

Present Operation _____

Csg. Press. _____

Tbg. Press. _____

Weather _____

TIME

DESCRIPTION OF OPERATIONS & COMMENTS

0600 B. H. BJ SERVICES & FRAC 5142-49 & 5152-74
REFER TO TREATMENT REPORT. USED 591 BBL. WATER.
0649 START FRAC
0717 END FRAC
0718 START FORCED CLOSURE FLOW BLOW BACK, .5 BPM.
REFER TO FLOW REPORT.
FLOW BACK 240 BBL. WATER, TRACE OF OIL, 1% SAND.
TIH W/ RETRIEVING TOOL, 2 3/4 X 4' SUB, HD PKR., 2 3/4 SEAT NIPPLE &
1 1/2 JTS, 2 3/4 TBS.
TRG SAND AT 5130' KB.
CIRCULATE DOWN TO BP AT 5219' KB.
SET PKR. AT 5084' KB.
MADE 5 SWAB RUNS. REFER TO SWAB REPORT
RECOVERED 2 BBL. OIL, 28 BBL. WATER, 1% SAND, GOOD GAS.
1830 SWIFN

Daily Costs

Cumulative Costs

Load To Recover: 526 bbls. Of WATER
bbls. Of _____

Completion Rig		Tbg.		Its.		Ft.		\$		2.13		Chemicals		\$	
Bop Rental	\$ 1666	Rods	Its.	Ft.	\$	Cementing	\$	Rig Anchors	\$	Cats & Graders	\$ 425	Supervision	\$		
Tank Rental	\$ 90	Ponies & Pups	\$	Down Hole Pump	\$	Ta, Ma, sn.	\$	Well Head Equip.	\$	Valves & Fittings	\$	Treater / Separator	\$	Tanks	\$
Hot Oil	\$ 600	Contract Labor	\$ 179	Down Hole Tools (rental)	\$ 1896	Equipment Rental	\$ 90	Transportation	\$	DH Tools (Purchase)	\$				

Operations Supervisor

Dale Griffin



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

TREATMENT REPORT

DATE OF TREATMENT: 3-21-97

Well Name MONUMENT FED. 33-10-9-16 Sec. 10 TWN. 93 RNG. 16 E
Field MONUMENT BUTTE County DUCHESNE State UT.
Formation: GREEN RIVER (G-5 ZONE)
Perforations: 5142-49, 5152-74

Treatment Type: SAND FRAC Total Number of Holes: 116

Treatment Company: BJ SERVICES

SAND CHARACTERISTICS

TOL LEAK	VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
	SLURRY BBL	CLEAN GAL		#/GAL	BPM	PSI		CALC.	ACTUAL
96	96	95	4000	2% KCL WATER (PAD)	0	24.5	2090	+	#
24	127	31	1176	"	2	27.8	2090	20/4	2300 # 2376 #
76	190	63	2184	"	4	26.3	1860	20/40	8800 # 8942 #
237	264	74	2562	"	5	26.3	1680	20/40	15,000 # 12,614 #
377	444	180	5680	"	6	26.1	1630	16/30	35,700 # 35,700 #
78	549	105	3902	"	7	27.0	1770	16/30	25,200 # 23,416 #
80	671	172	5124	" (FLUSH)	0	26.8	2750	+	#
							1		#
							1		#
							1		#

TOTAL FLUID PUMPED: 24,822 gal. 2% KCL WATER Acid
24,822 gal. 2% KCL WATER Fluid
TOTAL SAND VOLUME: 23,932 lbs. 20140 sand
59,116 lbs. 18130 sand
lbs. 1 sand

Flushed well with 5124 gal. of 2% KCL WATER

ball sealers were pumped. Was ball action seen? BLTR.

Barrels of Load to Recover 591

Avg. Treating Pressure = 1975 psi, max = 2750 psi, min. = 1630 psi.

Avg. Treating Rate = 26.8 bpm, max = 27.8 bpm, min. = 24.5 bpm.

ISIP = 2400 psi, 5 min. = 1740 psi, 10 min. = 1600 psi, 15 min. = 1550 psi.

Well will be shut in for 0 hours before bringing back fluid. 30 min. = 1480 psi.

REMARKS: 6 OBL. TO LOAD HOLE.

START FORCED CLOSURE FLOW BACK, .5 BPM

FRAC GRADIENT: .905

Wellsite Supervisor: Dale Griffin



EQUITABLE RESOURCES ENERGY COMPANY

1601 Lewis Avenue
C.O. Box 31017
Billings, MT 59104-1017

FLOW REPORT

WELL NAME Monument Fed 33-10-9-16 DATE 3/21/97

Qtr/Qtr _____ SEC. 10 TWN. 9S RNG. 16E REPORTED BY: Don Cannon

FIELD Monument Butte COUNTY Duchesne STATE UTAH

TIME	TEMP. CASING		% OIL	% WTR	% BS	TANK GAGE	D.R.M.		BBLS OIL	BBLS WTR	TOTAL TODAY	CUM. BBLS
	CHOKE	PSI					BBLS/HOUR					
7:17	91°	2400	⊕	100	⊕	to pit	.5	⊕				
7:47	90°	1480	⊕	100	⊕	to pit	.5	⊕	15	15	15	
8:47	88°	1120	⊕	100	⊕	to pit	.5	⊕	30	45	45	
9:47	87°	860	⊕	100	⊕	to pit	.5	⊕	30	75	75	
10:47	87°	570	⊕	100	THRU SAND	to pit	.5	⊕	30	105	105	
11:47	85°	330	⊕	100	10% SAND	to pit	.5	⊕	30	135	135	
12:47	85°	210	THRU	100	10% SAND	to pit	.5	⊕	30	165	165	
2:00	84°	130	THRU	100	10% SAND	to pit	.5	⊕	30	195	195	
Flooded Back 45 BBLS WATER GOING IN Hole										45	240	240

REMARKS:

CANNON WELL SERVICE INC.

P.O. Box 906
VERNAL, UTAH 84078

SWAB REPORT

DATE <u>3/21/97</u>		LEASE <u>Monument Fed</u>		WELL NO. <u>Fed 33-10-9-16</u>									
TANK NO.		TANK SIZE		BBLs. PER INCH		CO. REP. <u>Dale Griffin</u>							
TIME S	FLUID LEVEL	PULLED FROM	FLUID LEVEL IN TANK		BBLs. IN TANK	BBLs. PER RUN	TOT. BBLs. SWABBED	FLUID ANALYSIS					
			FT.	IN.				OIL	WATER	MUD	BS	GAS	
1	4:36 Surface	1000'				5 1/2	5 1/2	*	100%				94
2	4:40 100'	1100'				5 1/2	11	trace	100%				"
3	4:50 400'	1400'				5 1/2	16 1/2	trace	100%				"
4	5:00 200'	1200'				5 1/2	22	trace	100%				"
5	5:10 Surface	1000'				5 1/2	27 1/2	1%	99%				"
6	5:10 Well	Started Flowing. Flowed Back 2 BBLs oil & 28 BBLs WATER.											
7	6:30												
8													
9													
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QUITABLE RESOURCES ENERGY COMPANY

DAILY COMPLETION & WORKOVER REPORT

Date: 3.22.97

Well Name & No. MONUMEN FED.33-10-9-16 Field MONUMENT BUTTE
 Sec. 10 Twp. 25 Rng. 16E County DUGHERNE State UT.
 Td. 5800 Pld. 5729 Kbm. 10 Grd. Level 5646 Fill _____ Date _____
 Tbg. Size 2 7/8 Type EUE Grade M-50 Thrd. 8BD. Wt. 6.5 Rng. 2
 Tbg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Csg. Size 5 1/2 Type LT & C. Grade J-55 Thrd. 8BD. Wt. 15.5 Rng. 3
 Csg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Liner Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____

Perforations / Open Hole: 5142-49 5152-74

Reason For Job NEW COMPLETION Present Operation _____
 Csg. Press. 0 Tbg. Press. 410 Weather _____

TIME	DESCRIPTION OF OPERATIONS & COMMENTS
0700	BLEED WELL DOWN. MADE 5 SWAB RUNS. REFER TO SWAB REPORT. RECOVERED 23 BBL. OIL, 4 BBL. WATER & GOOD GAS, NO SAND. WELL STARTED FLOWING. FLOW BACK 40 BBL. OIL, 10 BBL. WATER. RELEASE PKR. TAG SAND AT 5210' KB. CIRCULATE DOWN TO BP AT 5219' KB. RELEASE BP. TOOH W/TBG, PKR. & BP. T/LR W/TBG. STRING. 1-NOTCHED-PINNED COLLOR 2 7/8 _____ LENGTH _____ DEPTH KB. _____ 1-JT. 2 7/8 EUE M-50 8BD. 6.5# _____ 29.00 _____ 5243.97 1-PERF. SUB 2 7/8 X 4' _____ 4.20 _____ 5214.17 1-SEAT NIPPLE 2 7/8 _____ 1.10 _____ 5209.97 4-JTS. 2 7/8 EUE M-50 8BD 6.5# _____ 124.50 _____ 5208.87 1-TBG. ANCHOR 2 7/8 X 5 1/2 (TRICO) _____ 2.75 _____ 5084.37 164-2 7/8 EUE M-50 8BD. 6.5# _____ 5071.62 _____ 5081.62 KB _____ 10.00 _____ ND BOP, ND 5-M WELL HEAD, FLANGE UP 3-M WELL HEAD. SET TBG. ANCHOR W/12" TENSION. T/LR W/DHP & ROD STRING. 1-DHP, 2 1/2 X 1 1/2 X 16 RHBC W/SM PLUNGER. (TRICO #1234) 1-7/8 X 2 1/2 PONY W/2 1/2" GUIDE 1-K-BAR 1 1/2" X 25' 1-7/8 X 2 1/2 PONY W/2 1/2" GUIDE 206-3/4 X 25' D-61 PLAIN 1-3/4 X 4' PONY 1-POLISH ROD 1 1/4 X 22' 3M PRESS. TEST DHP & TBG. TO 1000 PSI, OK. SHUT WELL IN. RDNO

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: 512 bbls. Of WATER
 _____ bbls. Of _____

Completion Rig	\$ 1622	Tbg. 169 Jts. 5256 Ft.	\$ 13561	Chemicals	\$
Bop Rental	\$ 170	Rods 206 Jts. 5150 Ft.	\$ 4790	Cementing	\$
Tank Rental	\$ 90	Ponies & Pups	\$ 579	Rig Anchors	\$
Hot Oil	\$ 420	Down Hole Pump	\$ 1067	Cats & Graders	\$
Completion Fluid	\$	19 Ma. (sn)	\$ 783		\$
Log & perforate	\$	Well Head Equip.	\$ 1736		\$
Stimulation	\$	Valves & Fittings	\$		\$
Contract Labor	\$	Treater / Separator	\$		\$
Down Hole Tools (rental)	\$	Tanks	\$		\$
Equipment Rental	\$ 90	Pump Unit / Engines	\$		\$
Transportation	\$	DH Tools (Purchase)	\$	Supervision	\$

Operations Supervisor

Dale Griffin

CANNON WELL SERVICE INC.

P.O. Box 906
VERNAL, UTAH 84078

SWAB REPORT

DATE <u>3/22/97</u>		LEASE <u>Monument Fed</u>		WELL NO. <u>Fed 33-10-9-16</u>								
TANK NO.		TANK SIZE		BBLs. PER INCH		CO. REP. <u>Dale Griffin</u>						
TIME	FLUID LEVEL	PULLED FROM	FLUID LEVEL IN TANK		BBLs. IN TANK	BBLs. PER RUN	TOT. BBLs. SWABBED	FLUID ANALYSIS				
			FT.	IN.				OIL	WATER	MUD	DS	GAS
1	7:10	1200'				5 1/2	5 1/2	90%	10%			
2	7:20	1350'				8 1/2	11	70%	30%			
3	7:30	1400'				5 1/2	16 1/2	70%	20%			
4	7:45	1100'				5 1/2	22	90%	10%			
5	8:00	1150'				5 1/2	27 1/2	90%	10%			
6	10:00 Well started flowing. Flowed Back 40 BBLs OIL & 10 BBLs WATER											
7												
8												
9												
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Recovered 85 BBLs OIL

EQUITABLE RESOURCES ENERGY COMPANY

DAILY COMPLETION & WORKOVER REPORT

Date: 4.3.97

Well Name & No. MONUMENT FED. 33-10-9-16 Field MONUMENT BUTTE
 Sec. 10 Twp. 9S Rng. 16E County DUCHESSNE State UT
 Td. 5800 Ptd. 5729 Kbm. 10 Grnd. Level 5446 Fill _____ Date _____
 Tbg. Size 1 7/8 Type EUE Grade M-150 Thrd. 8BD. Wt. 6.5 Rng. 2
 Tbg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Csg. Size 5 1/2 Type LTAC Grade J-55 Thrd. 8BD. Wt. 15.5 Rng. 3
 Csg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Liner Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____

Perforations / Open Hole: 5142-49 5152-74

Reason For Job NEW COMPLETION Present Operation INITIAL PRODUCTION
 Csg. Press. _____ Tbg. Press. _____ Weather _____

TIME	DESCRIPTION OF OPERATIONS & COMMENTS
<u>1555</u>	<u>START WELL PUMPING</u>
<u>5 SPM</u>	
<u>103" STROKE</u>	
	<u>PUMP UNIT: LUKIN, 120-256L-120</u>
	<u>S/N C365780 - 338593 (FROM: GANE)</u>
	<u>ENGINE: AJAX, 8 1/2 X 10 E-42 S/N 74845 (FROM: STEWART-STEVENSON)</u>
	<u>TANKS: NATCO, 12' X 20' 400 BBL. W/ BURNERS, STRIPS, CATWALK & INSULATED.</u>
	<u>S/N 76003483-01 (FROM: NATCO)</u>
	<u>S/N 76003486-01 (FROM: NATCO)</u>
	<u>S/N _____ (FROM: NATCO)</u>
	<u>DRAIN TANK: 5' X 12' 100 BBL. OPEN TOP (FROM: WESTERN WELDING.)</u>
	<u>TREATER: OGP 4006' X 15' 50 PSI WP. DATE 1980</u>
	<u>S/N 2082 (FROM: M.F. 34-25)</u>
	<u>PUMPER: PAT WISENER</u>

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: _____ bbls. Of WATER
 _____ bbls. Of _____

Completion Rig	\$	Tbg.	Its.	Ft.	\$	Chemicals	\$
Bop Rental	\$	Rods	Its.	Ft.	\$	Cementing	\$
Tank Rental	\$	Porties & Pups			\$	Rig Anchors	\$
Hot Oil	\$	Down Hole Pump			\$	Cats & Graders	\$
Completion Fluid	\$	Ta, Ma, sn,			\$	INSULATE	\$ 5600
Log & perforate	\$	Well Head Equip.			\$		\$
Stimulation	\$	Valves & Fittings			\$		\$
Contract Labor	\$ 13189	Treater / Separator			\$		\$
Down Hole Tools (rental)	\$	Tanks			\$ 17540		\$
Equipment Rental	\$	Pump Unit / Engines			\$		\$
Transportation	\$	DH Tools (Purchase)			\$	Supervision	\$

Operations Supervisor

Dale Griffin

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4618'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 173' balance plug from 2810'-2983' using 20 sx Class "G" cement.
4. Plug #3 Set 120' balance plug from 1482' using 14 sx Class "G" cement
5. Perforate @ 312' below surface casing shoe
6. Plug #3 Circulate 88 sxs Class "G" cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Monument Federal #33-10-9-16

Spud Date: 3-1-97

Put on Production: 04-3-97

GL: 5646' KB: 5656'

Initial Production: 70 BOPD,
74 MCFD, 0 BWPD

Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 5 jts @ 252.20

DEPTH LANDED: 262.20' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class G, est 10 bbls cement to the pit

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

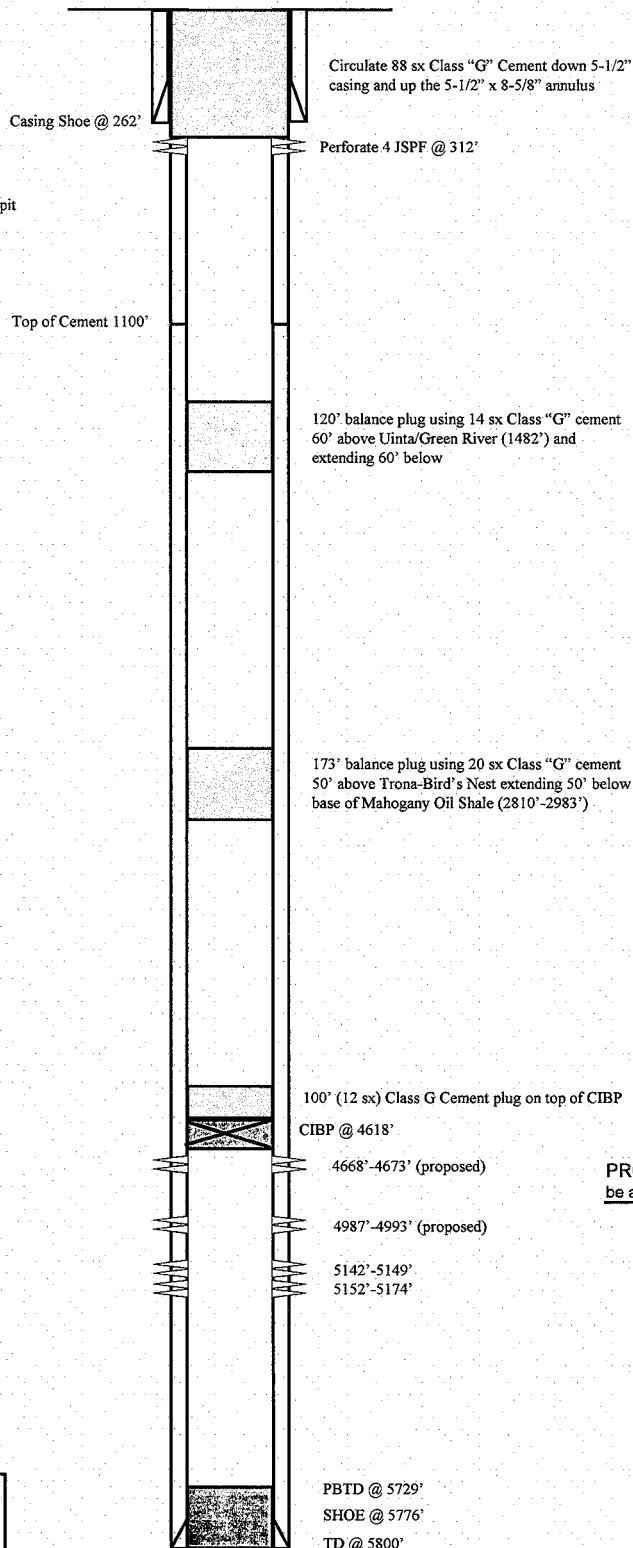
WEIGHT: 15.5#

LENGTH: 136 jts (5765.87')

DEPTH LANDED: 5775.87' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 160 sx Premium Lite & 330 sx 50/50 Poz



PROPOSED PERFORATIONS (To be added during conversion)

4668'-4673'	4 JSPF	20 holes
4987'-4993'	4 JSPF	24 holes

NEWFIELD



Monument Federal #33-10-9-16

1980' FSL 1980' FEL

NW/SE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-31722; Lease #UTU-72107

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FSL 1980 FEL

NWSE Section 10 T9S R16E

5. Lease Serial No.

USA UTU-72107

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

S WELLS DRAW UNIT

8. Well Name and No.

MONUMENT FED 33-10-9-16

9. API Well No.

4301331722

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production Company proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Analyst

Date

04/27/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF
NEWFIELD PRODUCTION COMPANY FOR
ADMINISTRATIVE APPROVAL OF CERTAIN
WELLS LOCATED IN SECTION 32 & 33,
TOWNSHIP 8 SOUTH, RANGE 16 EAST;
SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH,
RANGE 16 EAST; DUCHESNE COUNTY,
UTAH, AS CLASS II INJECTION WELLS.

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-352

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

Wells Draw Unit:

State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East

Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East

South Monument Butte Unit:

Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East

Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East

South Wells Draw Unit:

South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East

South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East

South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East

Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East

West Point Unit:

Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East

Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East

Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East

West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

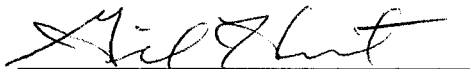
Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of May, 2009.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read "Gil Hunt", written over a horizontal line.

Gil Hunt
Associate Director

Newfield Production Company

**STATE 24-32-8-16, FEDERAL 13-33B-8-16, MONUMENT BUTTE FEDERAL 4-1-9-16,
MONUMENT BUTTE FEDERAL 6-1-9-16, SOUTH WELLS DRAW 14A-4-9-16, SOUTH WELLS
DRAW 6-10-9-16, SOUTH WELLS DRAW 12-10-9-16, MONUMENT FEDERAL 33-10-9-16
MONUMENT FEDERAL 31-6-9-16Y, MONUMENT FEDERAL 42-6-9-16Y, NINE MILE 10-7-9-16,
WEST POINT FED 14-7-9-16.**

Cause No. UIC-352

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
PO Box 910
Duchesne, UT 84021

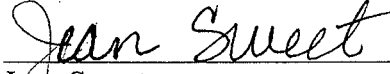
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via Email ubs@ubstandard.com
and Facsimile (435) 722-4140

Bruce Suchomel
US EPA Region VIII
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145
via Email naclegal@mediaoneutah.com
and Facsimile (801) 237-2776

Newfield Production Company
Rt 3 Box 3630
Myton UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078



Jean Sweet
Executive Secretary
May 21, 2009

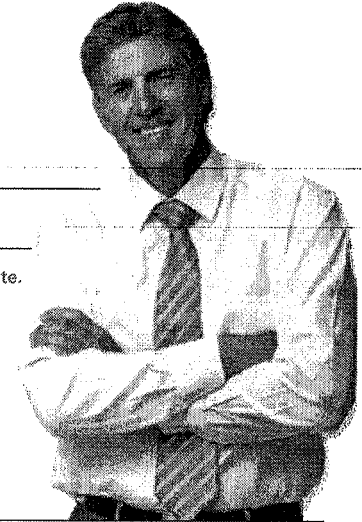
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Search: All Newspapers

 for



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NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

[Newspaper Administration](#)

Jean Sweet - Notice of Agency Action - Newfield Cause No. UIC 352

From: Jean Sweet
To: ubs@ubstandard.com
Date: 5/21/2009 3:14 PM
Subject: Notice of Agency Action - Newfield Cause No. UIC 352
Attachments: 20090519 Newfield Notice of Agency Action UIC 352 UB Standard.doc

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov. Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

TRANSACTION REPORT

P. 01

MAY-21-2009 THU 03:31 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:30 PM	14357224140	1' 15"	4	SEND	OK	490	

TOTAL : 1M 15S PAGES: 4



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 435-722-4140

ATTN: Legal Notices

COMPANY: Uintah Basin Standard

NUMBER OF PAGES (INCLUDING THIS ONE): 4

FROM: Jean Sweet

If you do not receive all of the pages, or if they are illegible, please call (801) 538-5340.
We are sending from a sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES: Please Distribute Thank You



JON M. HUNTSMAN, JR.
Governor

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Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 21, 2009

VIA E-MAIL ubs@ubstandard.com
and FAX (435) 722-4140

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov. Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - RE: Notice of Agency Action - Newfield UIC 352

From: "Linda Roberson" <lroberson@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 5/22/2009 2:23 PM
Subject: RE: Notice of Agency Action - Newfield UIC 352

Ad 458653 / 5/26 / \$273.80

L. "Anna" Roberson (assisting L. Valdez)

naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Thursday, May 21, 2009 3:15 PM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action - Newfield UIC 352

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov . Please send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Jean Sweet - Notice of Agency Action - Newfield UIC 352

From: Jean Sweet
To: naclegal@mediaoneutah.com
Date: 5/21/2009 3:15 PM
Subject: Notice of Agency Action - Newfield UIC 352
Attachments: 20090519 Newfield Notice of Agency Action UIC 352 SL Trib.doc

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov . Please send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

TRANSACTION REPORT

P. 01

MAY-21-2009 THU 03:30 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:27 PM	8012372776	2' 45"	4	SEND	OK	489	
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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division DirectorUTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE:

5/21/09

FAX#:

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ATTN:

Legal Notices

COMPANY:

Salt Lake Tribune

NUMBER OF PAGES (INCLUDING THIS ONE):

4

FROM:

Jean Sweet

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We are sending from a sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES:

Please publish

Thank you



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 21, 2009

VIA E-MAIL naclegal@mediaoneutah.com
and Fax (801) 237-2776

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov. Please send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/27/2009

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-352

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

Wells Draw Unit:
State 24-32-8-16 well located in SE/4 SW/4, Section 32 Township 8 South, Range 16 East
Federal 13-338-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East
South Monument Butte Unit:
Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East
Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East
South Wells Draw Unit:
South Wells Draw 14A-4-9-16 well located in SE/4 SW/4 Section 4, Township 9 South, Range 16 East
South Wells Draw 6-10-9-16 well located in SE/4 NW/4 Section 10, Township 9 South, Range 16 East
South Wells Draw 12-10-9-16 well located in NW/4 SW/4 Section 10, Township 9 South, Range 16 East
Monument Federal 32-10-2-16 well located in NW/4 SE/4 Section 10, Township 9 South, Range 16 East
West Point Unit:
Monument Federal 31-6-9-16Y well located in NW/4 NE/4 Section 6, Township 9 South, Range 16 East
Monument Federal 42-6-9-16Y well located in SE/4 NE/4 Section 6, Township 9 South, Range 16 East
Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6 Township 9 South, Range 16 East
West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of May, 2009.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Gil Hunt
Associate Director
458653

UPAXLF

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000458653 /	
SCHEDULE			
Start 05/26/2009		End 05/26/2009	
CUST. REF. NO.			
20090519			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINI			
SIZE			
80 Lines		2.00 COLUMN	
TIMES		RATE	
4			
MISC. CHARGES		AD CHARGES	
		TOTAL COST	
		273.80	

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AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF
BEFORE THE DIVISION OF OIL, GAS AND MINING FOR DIV OF OIL-GAS & MINING,
CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY
IN THE STATE OF UTAH.

Start 05/26/2009

End 05/26/2009

PUBLISHED ON

SIGNATURE

5/27/2009

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

[Handwritten signature]

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of May, 2009, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of May, 2009.


Publisher

Subscribed and sworn to before me this
28 day of May, 2009


Notary Public



COPY

NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for

Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of May, 2009.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING
/s/ Gil Hunt
Associate Director
Published in the Uintah
Basin Standard May 26,
2009.

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and one in the fifth.
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(11-5) over Rowland
place in Salt Lake C

KENT BASCOM
Kent Bascom was
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rolled-up newspaper
his bike to our porch
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on the basketball
was a good dribbler,
passes and I enjoy
him do his best on

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Monument Federal 33-10-9-16

Location: 10/9S/16E **API:** 43-013-31722

Ownership Issues: The proposed well is located on BLM land. The well is located in the South Wells Draw Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the South Wells Draw Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 262 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,776 feet. A cement bond log demonstrates adequate bond in this well up to 3,306 feet. A 2 7/8 inch tubing with a packer will be set at 4,633. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells and 5 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 2400 feet. Injection shall be limited to the interval between 3,855 feet and 5,510 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 33-10-9-16 well is 0.90 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,367 psig. The requested maximum pressure is 2,367 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Monument Federal 33-10-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the South Wells Draw Unit on July 16, 2001. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 7/1/09



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

July 13, 2009

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: South Wells Draw Unit Well: Monument Federal 33-10-9-16, Section 10, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Gil Hunt
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File



UTAH LEGAL NOTICES

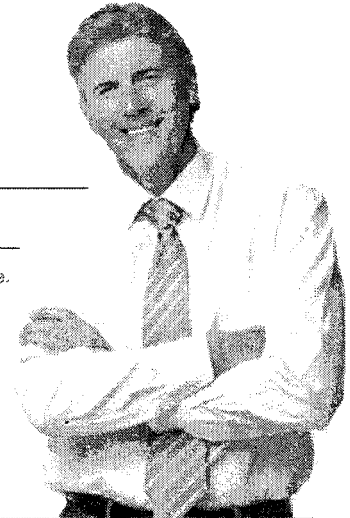
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NOTICE OF AGENCY ACTION CAUSE NO. UIC-352, 2

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

[Newspaper Administration](#)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-72107

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1980 FSL 1980 FEL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 10, T9S, R16E

STATE: UT

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

8. WELL NAME and NUMBER:
MONUMENT FED 33-10-9-16

9. API NUMBER:
4301331722

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/14/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/27/10.

Four interval were perforated, B2 sands - 4983-4989' 3JSPF, D1 sands - 4668-4672' 3JSPF, GB6 sands - 4196-4199' 3JSPF and GB4 sands - 4162-4165' 3 JSPF.


On 04/12/10 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 04/12/10. On 04/14/10 the casing was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1400 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31722

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 04/20/2010

(This space for State use only)

RECEIVED

APR 26 2010

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FSL 1980 FEL

NWSE Section 10 T9S R16E

5. Lease Serial No.

USA UTU-72107

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT FED 33-10-9-16

9. API Well No.

4301331722

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 03/27/10.

Four interval were perforated, B2 sands - 4983-4989' 3JSPF, D1 sands - 4668-4672' 3JSPF, GB6 sands - 4196-4199' 3JSPF and GB4 sands - 4162-4165' 3 JSPF.

On 04/12/10 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 04/12/10. On 04/14/10 the casing was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1400 psig during the test. There was not an State representative available to witness the test.

API# 43-013-31722

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

04/20/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

APR 26 2010

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 4 / 14 / 10 Time 1:30 am pm

Test Conducted by: Newfield EXPLORATION

Others Present: _____

Well: MONUMENT Federal: 33-10-9-16

Field: MONUMENT BUTTE

Well Location: NW/SE, Sec. 10, T9S, R16E

API No: 43-013-31722

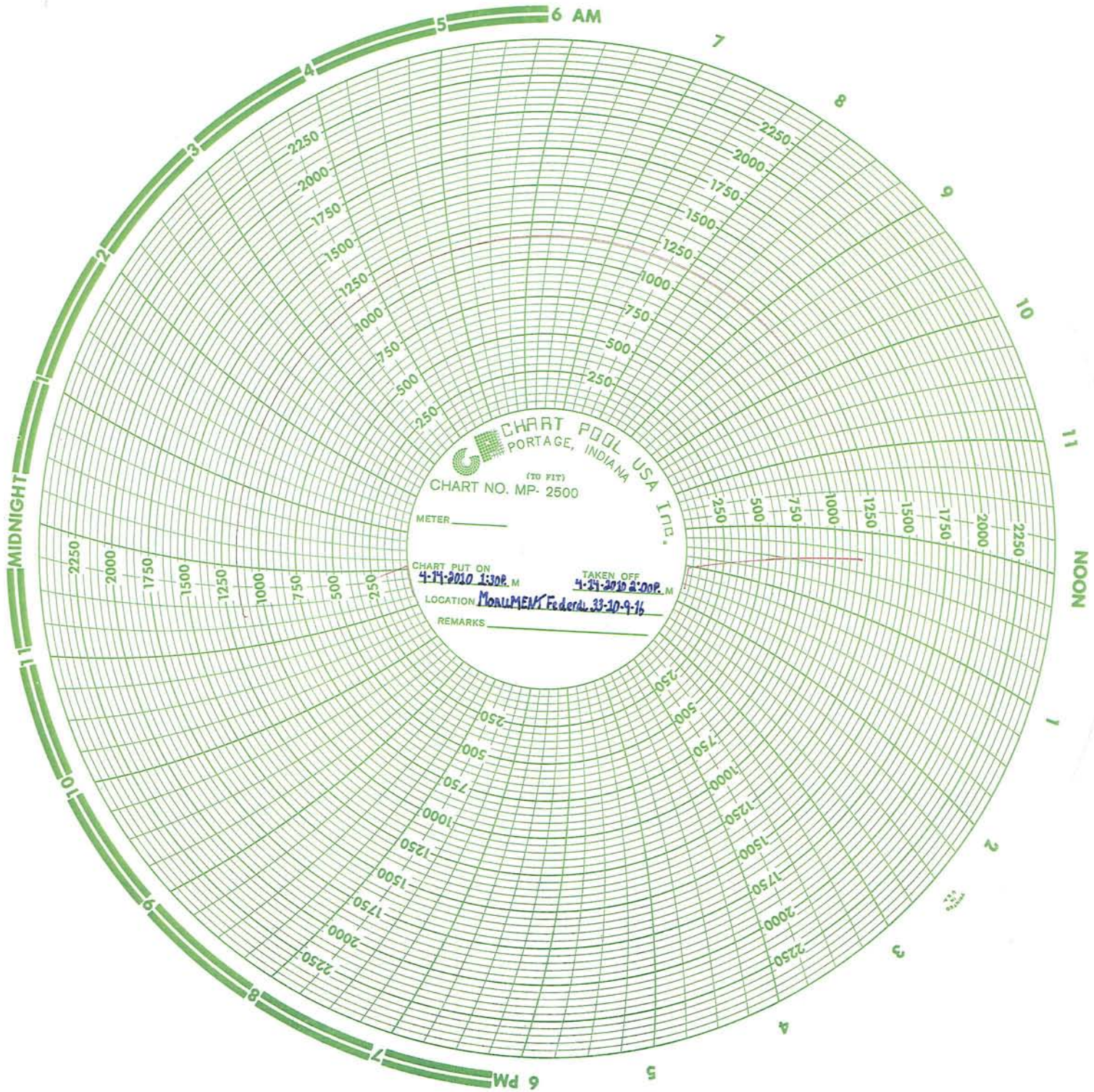
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1150</u>	psig
5	<u>1150</u>	psig
10	<u>1150</u>	psig
15	<u>1150</u>	psig
20	<u>1150</u>	psig
25	<u>1150</u>	psig
30 min	<u>1150</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1400 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Leah Whithead



Daily Activity Report**Format For Sundry****MON 33-10-9-16****1/1/2010 To 5/30/2010****2/27/2010 Day: 1****Conversion**

Nabors #809 on 2/27/2010 - LD rod string & pump. RDMOSU. Run VES gyro survey. - RDMOSU. WO frac date. - MIRU Nabors rig #809. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 6 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH and LD rod string and pump. Re-flushed rods twice more on TOH W/ add'l 60 BW. RIH W/ sandline & tag fill @ 5715'. RD sandline. Shut in well. RU Vaughn Energy Services and run gyro survey. - RDMOSU. WO frac date. - MIRU Nabors rig #809. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 6 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH and LD rod string and pump. Re-flushed rods twice more on TOH W/ add'l 60 BW. RIH W/ sandline & tag fill @ 5715'. RD sandline. Shut in well. RU Vaughn Energy Services and run gyro survey.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$9,531**3/23/2010 Day: 2****Conversion**

Nabors #814 on 3/23/2010 - MIRU Nabor's 814. ND WH. Release TA. NU BOP. TOH w/ 100-jts of tbg breaking & redoping every connection. EOT @ 2142'. SIWFN - MIRU Nabor's 814. ND WH. Release TA. NU BOP. TOH w/ 100-jts of tbg breaking & redoping every connection. EOT @ 2142'. SIWFN - MIRU Nabor's 814. ND WH. Release TA. NU BOP. TOH w/ 100-jts of tbg breaking & redoping every connection. EOT @ 2142'. SIWFN **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$13,442**3/24/2010 Day: 4****Conversion**

Nabors #814 on 3/24/2010 - Break down perfs. Frac new perfs - - Open well continue TOOH w/ tbg (breaking collars & applying liquid O-ring to threads). Get out of hole w/ 134 jts tbg. LD remaining 35 jts tbg on trailer. RU The Perforators LLC. RIH w/ Gauge ring to 5200'. PUH w/ wireline & perforate B2 sds (4983-89'). PUH w/ wireline & perforate D1 sds (4668'-72'). PUH w/ wireline & perforate GB6 sds (4196'-99'). PUH w/ wireline & perforate GB 4 sds (4162'-65'). POOH w/ wireline. LD guns & RD The Perforators. PU Weatherford RBP & PKR. TIH picking up N-80 tbg. Get in hole w/ 127 jts tbg. Set RBP @ 4148'. PUH 10' & set PKR. Test tools to 4000 psi. Release pkr. Retrieve plug. TIH w/ tbg & set RBP @ 4179'. LD 1 jt tbg. Leave PKR released. SDFN - Open well. Break down new perfs on TIH GB4 sds 4162-65' (did not see break back, was able to pump into @ 4600 psi @ 1/4 bpm), GB6 sds (broke @ 4700 psi est inj rate of 2200 psi @ 1/2 bpm), D1 sds (broke @ 4600 psi est inj rate of 2500psi @ 1/2 bpm), & B2 sds (broke @ 3700 psi est inj rate of 2700 psi @ 1/2 bpm). Set RBP @ 5039'. PKR @ 4943'. RU BJ services. Stage #1. B2 sds. Break down perfs @ 4453 psi @ 3 bpm w/ 3 bbls back to 3600 psi. Frac w/ 10045# of 20/40 sand in 150 bbls of lightning 17 frac fluid. Treated @ average pressure of 4379 psi w/ average rate of 15 bpm w/ 6 ppg sand. ISIP 2049 psi w/ frac grad of .84. Flow well back w/ 26/64 choke. Well flowed for 2.5 hr to recover 140 bbls. Put 200 psi on backside. Release pkr. Circ tbg clean. TIH w/ tbg. Tag 20' sand. Clean out to RBP. Release RBP. TOOH w/ 8 jts tbg & set RBP @ 4720'. TOOH w/ 3 jts . MU frac valve.

SDFN EWTR 10 BBLS - - Open well. Break down new perfs on TIH GB4 sds 4162'-65' (did not see break back, was able to pump into @ 4600 psi @ 1/4 bpm), GB6 sds (broke @ 4700 psi est inj rate of 2200 psi @ 1/2 bpm), D1 sds (broke @ 4600 psi est inj rate of 2500psi @ 1/2 bpm), & B2 sds (broke @ 3700 psi est inj rate of 2700 psi @ 1/2 bpm). Set RBP @ 5039'. PKR @ 4943'. RU BJ services. Stage #1. B2 sds. Break down perfs @ 4453 psi @ 3 bpm w/ 3 bbls back to 3600 psi. Frac w/ 10045# of 20/40 sand in 150 bbls of lightning 17 frac fluid. Treated @ average pressure of 4379 psi w/ average rate of 15 bpm w/ 6 ppg sand. ISIP 2049 psi w/ frac grad of .84. Flow well back w/ 26/64 choke. Well flowed for 2.5 hr to recover 140 bbls. Put 200 psi on backside. Release pkr. Circ tbg clean. TIH w/ tbg. Tag 20' sand. Clean out to RBP. Release RBP. TOOH w/ 8 jts tbg & set RBP @ 4720'. TOOH w/ 3 jts . MU frac valve. SDFN EWTR 10 BBLS - Open well continue TOOH w/ tbg (breaking collars & applying liquid O-ring to threads). Get out of hole w/ 134 jts tbg. LD remaining 35 jts tbg on trailer. RU The Perforators LLC. RIH w/ Gauge ring to 5200'. PUH w/ wireline & perforate B2 sds (4983'-89'). PUH w/ wireline & perforate D1 sds (4668'-72'). PUH w/ wireline & perforate GB6 sds (4196'-99'). PUH w/ wireline & perforate GB 4 sds (4162'-65'). POOH w/ wireline. LD guns & RD The Perforators. PU Weatherford RBP & PKR. TIH picking up N-80 tbg. Get in hole w/ 127 jts tbg. Set RBP @ 4148'. PUH 10' & set PKR. Test tools to 4000 psi. Release pkr. Retrieve plug. TIH w/ tbg & set RBP @ 4179'. LD 1 jt tbg. Leave PKR released. SDFN - Open well continue TOOH w/ tbg (breaking collars & applying liquid O-ring to threads). Get out of hole w/ 134 jts tbg. LD remaining 35 jts tbg on trailer. RU The Perforators LLC. RIH w/ Gauge ring to 5200'. PUH w/ wireline & perforate B2 sds (4983'-89'). PUH w/ wireline & perforate D1 sds (4668'-72'). PUH w/ wireline & perforate GB6 sds (4196'-99'). PUH w/ wireline & perforate GB 4 sds (4162'-65'). POOH w/ wireline. LD guns & RD The Perforators. PU Weatherford RBP & PKR. TIH picking up N-80 tbg. Get in hole w/ 127 jts tbg. Set RBP @ 4148'. PUH 10' & set PKR. Test tools to 4000 psi. Release pkr. Retrieve plug. TIH w/ tbg & set RBP @ 4179'. LD 1 jt tbg. Leave PKR released. SDFN - Open well. Break down new perfs on TIH GB4 sds 4162'-65' (did not see break back, was able to pump into @ 4600 psi @ 1/4 bpm), GB6 sds (broke @ 4700 psi est inj rate of 2200 psi @ 1/2 bpm), D1 sds (broke @ 4600 psi est inj rate of 2500psi @ 1/2 bpm), & B2 sds (broke @ 3700 psi est inj rate of 2700 psi @ 1/2 bpm). Set RBP @ 5039'. PKR @ 4943'. RU BJ services. Stage #1. B2 sds. Break down perfs @ 4453 psi @ 3 bpm w/ 3 bbls back to 3600 psi. Frac w/ 10045# of 20/40 sand in 150 bbls of lightning 17 frac fluid. Treated @ average pressure of 4379 psi w/ average rate of 15 bpm w/ 6 ppg sand. ISIP 2049 psi w/ frac grad of .84. Flow well back w/ 26/64 choke. Well flowed for 2.5 hr to recover 140 bbls. Put 200 psi on backside. Release pkr. Circ tbg clean. TIH w/ tbg. Tag 20' sand. Clean out to RBP. Release RBP. TOOH w/ 8 jts tbg & set RBP @ 4720'. TOOH w/ 3 jts . MU frac valve. SDFN EWTR 10 BBLS - - Open well. Break down new perfs on TIH GB4 sds 4162'-65' (did not see break back, was able to pump into @ 4600 psi @ 1/4 bpm), GB6 sds (broke @ 4700 psi est inj rate of 2200 psi @ 1/2 bpm), D1 sds (broke @ 4600 psi est inj rate of 2500psi @ 1/2 bpm), & B2 sds (broke @ 3700 psi est inj rate of 2700 psi @ 1/2 bpm). Set RBP @ 5039'. PKR @ 4943'. RU BJ services. Stage #1. B2 sds. Break down perfs @ 4453 psi @ 3 bpm w/ 3 bbls back to 3600 psi. Frac w/ 10045# of 20/40 sand in 150 bbls of lightning 17 frac fluid. Treated @ average pressure of 4379 psi w/ average rate of 15 bpm w/ 6 ppg sand. ISIP 2049 psi w/ frac grad of .84. Flow well back w/ 26/64 choke. Well flowed for 2.5 hr to recover 140 bbls. Put 200 psi on backside. Release pkr. Circ tbg clean. TIH w/ tbg. Tag 20' sand. Clean out to RBP. Release RBP. TOOH w/ 8 jts tbg & set RBP @ 4720'. TOOH w/ 3 jts . MU frac valve. SDFN EWTR 10 BBLS - Open well continue TOOH w/ tbg (breaking collars & applying liquid O-ring to threads). Get out of hole w/ 134 jts tbg. LD remaining 35 jts tbg on trailer. RU The Perforators LLC. RIH w/ Gauge ring to 5200'. PUH w/ wireline & perforate B2 sds (4983'-89'). PUH w/ wireline & perforate D1 sds (4668'-72'). PUH w/ wireline & perforate GB6 sds (4196'-99'). PUH w/ wireline & perforate GB 4 sds (4162'-65'). POOH w/ wireline. LD guns & RD The Perforators. PU Weatherford RBP & PKR. TIH picking up N-80 tbg. Get in hole w/ 127 jts tbg. Set RBP @ 4148'. PUH 10' & set PKR. Test tools to 4000 psi. Release pkr. Retrieve plug. TIH w/ tbg & set RBP @ 4179'. LD 1 jt tbg. Leave PKR released. SDFN - **Finalized**

Daily Cost: \$0

Cumulative Cost: \$24,177

3/25/2010 Day: 5**Conversion**

Nabors #814 on 3/25/2010 - Frac well. TOOHD LD N-80 tbg & tools - Open well. Set PKR @ 4624'. Stage #2. RU BJ Services. IOP 336 psi. Break down sds(). Perfs broke back @ 4347 psi w/ 3 bw @ 3 bpm. Frac w/ 14395# 20/40 sand in 322 bbls of Lightning 17 frac fluid. Treated @ average pressure of 6078 psi @ average rate of 12.4 bpm w/ 6 ppg sand. ISIP of 2243 psi w/ frac gradient of .91. Flow well back w/ 20/64 choke for 1/2 hr to recover 40 bbls. Pressure csg to 200 psi. Release PKR. TIH w/ tbg to tag 10' sand. Clean out to RBP. Circulate clean. Release RBP. EWTR 292 BBLs - TOOHD w/ tbg. Set RBP @ 4239'. Set PKR @ 4109'. Stage #3. IOP 45 psi. Break down GB6 & GB4 sds (4196-99 & 4162-65). Perfs broke back @ 3684 psi w/ 2 bbls @ 3 bpm. Frac w/ 27460# sand in 306 bbls Lightning 17 frac fluid. Treated @ average pressure of 5119 psi @ average rate of 15 bpm w/ 6 ppg sand. ISIP of 1864 psi w/ .88 frac gradient. Flow back well w/ 26/64 choke for 1/2hr to recover 60 bbls. Pressure up csg to 200 psi. Release PKR. TIH w/ tbg to tag 20' sand. Clean out to RBP. Circulate clean. Release RBP. EWTR 538 BBLs - Open well. Set PKR @ 4624'. Stage #2. RU BJ Services. IOP 336 psi. Break down sds(). Perfs broke back @ 4347 psi w/ 3 bw @ 3 bpm. Frac w/ 14395# 20/40 sand in 322 bbls of Lightning 17 frac fluid. Treated @ average pressure of 6078 psi @ average rate of 12.4 bpm w/ 6 ppg sand. ISIP of 2243 psi w/ frac gradient of .91. Flow well back w/ 20/64 choke for 1/2 hr to recover 40 bbls. Pressure csg to 200 psi. Release PKR. TIH w/ tbg to tag 10' sand. Clean out to RBP. Circulate clean. Release RBP. EWTR 292 BBLs - TOOHD w/ tbg. Set RBP @ 4239'. Set PKR @ 4109'. Stage #3. IOP 45 psi. Break down GB6 & GB4 sds (4196-99 & 4162-65). Perfs broke back @ 3684 psi w/ 2 bbls @ 3 bpm. Frac w/ 27460# sand in 306 bbls Lightning 17 frac fluid. Treated @ average pressure of 5119 psi @ average rate of 15 bpm w/ 6 ppg sand. ISIP of 1864 psi w/ .88 frac gradient. Flow back well w/ 26/64 choke for 1/2hr to recover 60 bbls. Pressure up csg to 200 psi. Release PKR. TIH w/ tbg to tag 20' sand. Clean out to RBP. Circulate clean. Release RBP. EWTR 538 BBLs - TOOHD laying down N-80 tbg. Get out of hole w/ 42 jts tbg. Travel to Newfield shop for rig safety meeting. SDFN - TOOHD laying down N-80 tbg. Get out of hole w/ 42 jts tbg. Travel to Newfield shop for rig safety meeting. SDFN

Daily Cost: \$0**Cumulative Cost:** \$76,152**3/26/2010 Day: 6****Conversion**

Nabors #814 on 3/26/2010 - Continue LD N-80 tbg & tools. TIH w/ J-55 injection string - Open well. TBG 300 psi. CSG 500 psi. Well was flowing. RU pump. Circulate out oil & gas. Continue TOOHD laying down N-80 workstring. Get out of hole w/ tbg. LD RBP & PKR. MU Arrowset 1-X PKR & PSN. TIH w/ 132 jts 2 7/8" j-55 tbg. Get in hole w/ tbg. RU hot oiler. Pump 20 bw pad & Drop standing valve. Pump Standing valve to PSN w/ 30 bw. Pressure test tbg to 3000 psi & watch for 30 minutes. Good test. RU & RIH w/ sandline. Latch onto & unseat standing valve. POOH w/ sandline. Well was flowing up csg. RU hot oiler & pump 55 bbls wtr & PKR fluid. Set PKR. RD workfloor. ND BOP. MU B-1 adapter flange. Land tbg on wellhead flange w/ 16000# tension. Pressure up csg to 1400 psi. Will check pressure in AM before RDSU. - Open well. TBG 300 psi. CSG 500 psi. Well was flowing. RU pump. Circulate out oil & gas. Continue TOOHD laying down N-80 workstring. Get out of hole w/ tbg. LD RBP & PKR. MU Arrowset 1-X PKR & PSN. TIH w/ 132 jts 2 7/8" j-55 tbg. Get in hole w/ tbg. RU hot oiler. Pump 20 bw pad & Drop standing valve. Pump Standing valve to PSN w/ 30 bw. Pressure test tbg to 3000 psi & watch for 30 minutes. Good test. RU & RIH w/ sandline. Latch onto & unseat standing valve. POOH w/ sandline. Well was flowing up csg. RU hot oiler & pump 55 bbls wtr & PKR fluid. Set PKR. RD workfloor. ND BOP. MU B-1 adapter flange. Land tbg on wellhead flange w/ 16000# tension. Pressure up csg to 1400 psi. Will check pressure in AM before RDSU.

Daily Cost: \$0**Cumulative Cost:** \$81,776

3/29/2010 Day: 7**Conversion**

Nabors #814 on 3/29/2010 - Check pressure. RDMOSU - Check CSG pressure. 1250 psi. Watch for 30 min. Good test. RDMOSU Nabors 814. READY FOR MIT! - Check CSG pressure. 1250 psi. Watch for 30 min. Good test. RDMOSU Nabors 814. READY FOR MIT!

Daily Cost: \$0

Cumulative Cost: \$122,424

4/16/2010 Day: 8**Conversion**

Rigless on 4/16/2010 - Conversion MIT - On 4/12/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Monument 33-10-9-16). Permission was given at that time to perform the test on 4/12/2010. On 4/14/2010 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 1400 psig during the test. There was not a State representative available to witness the test. API # 43-013-31722 - On 4/12/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Monument 33-10-9-16). Permission was given at that time to perform the test on 4/12/2010. On 4/14/2010 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 1400 psig during the test. There was not a State representative available to witness the test. API # 43-013-31722 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$122,724

Pertinent Files: Go to File List



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-352

Operator: Newfield Production Company
Well: Monument Federal 33-10-9-16
Location: Section 10, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31722
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 13, 2009.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,855' – 5,510')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

Gil Hunt

Associate Director

4-27-10

Date

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-72107
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1980 FSL 1980 FEL		8. WELL NAME and NUMBER: MONUMENT FED 33-10-9-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 10, T9S, R16E		9. API NUMBER: 4301331722
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 05/11/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Put on Injection
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:			


12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 12:30 PM on 05-11-2010.

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>05/12/2010</u>

(This space for State use only)

RECEIVED
MAY 17 2010
DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-72107
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 33-10-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 10 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013317220000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/26/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="WorkOver MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (packer repair), attached is a daily status report. On 08/25/2014 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/26/2014 the csg was pressured up to 1241 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 925 psig during the test. There was not a State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining September 04, 2014 Date: _____ By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/27/2014	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date: 8/26/2014 Time: 8:00 A.M.

Test Conducted by: Everett Unruh

Others Present: _____

Well:	Monument Federal 33-10-9-16	Field:	Monument Butte
Well Location:	NWSE Sec 10 T9S R16E Duchesne County, UT	API No:	43-013-31722

Time	Casing Pressure
0 min	<u>1241</u> psig
5	<u>1241</u> psig
10	<u>1241</u> psig
15	<u>1241</u> psig
20	<u>1241</u> psig
25	<u>1241</u> psig
30 min	<u>1241</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing Pressure: 925 psig

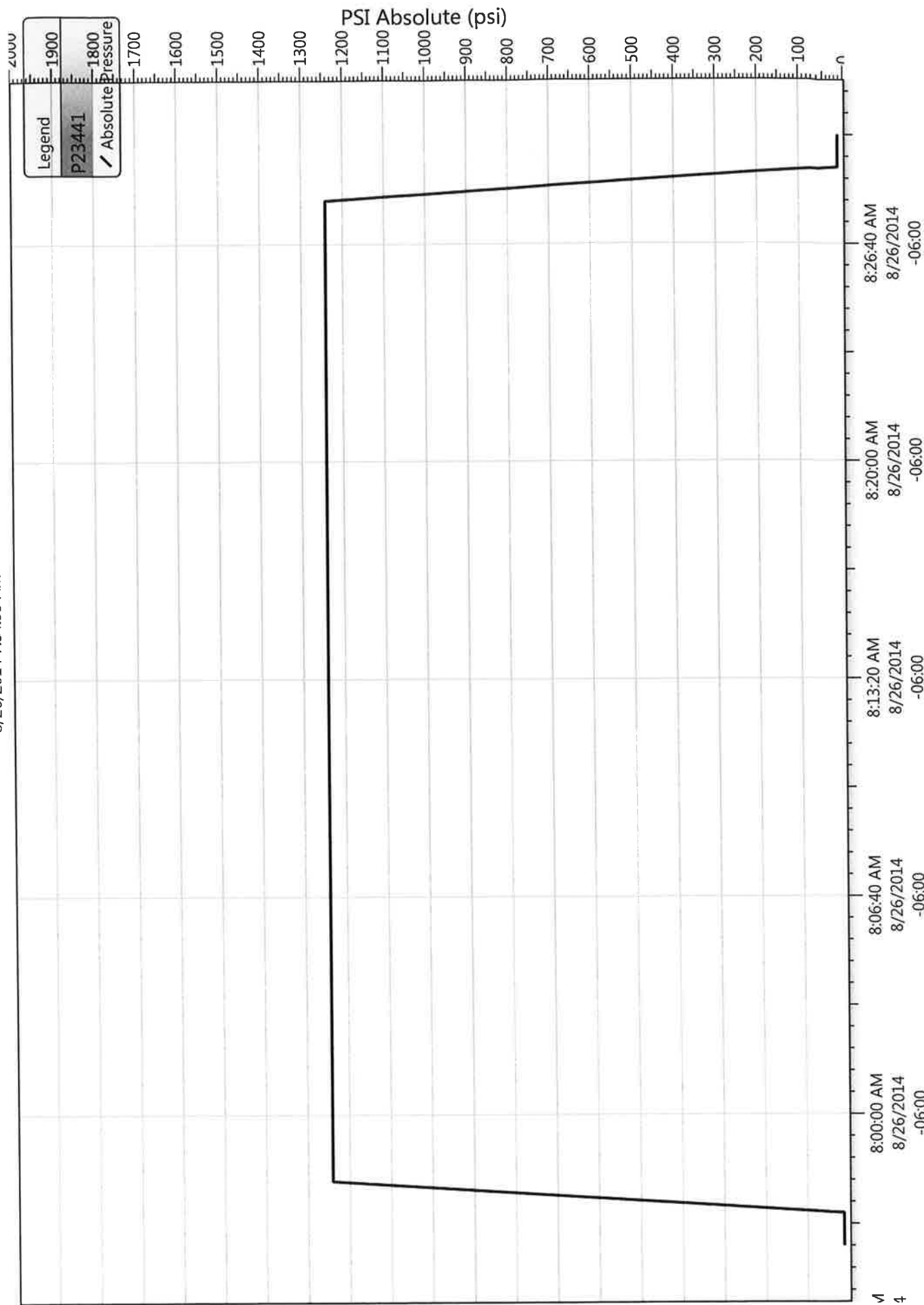
Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Everett Unruh

Mon. Federal 33-10-9-16 (8/26/2014, workover MIT)

8/26/2014 7:54:55 AM





Job Detail Summary Report

Well Name: Mon 33-10-9-16

Jobs		Job Start Date	Job End Date
Primary Job Type		8/14/2014	8/26/2014
Repairs			

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
8/14/2014	8/14/2014	MIRU	
Start Time	14:00	End Time	15:00
		Comment	Road rig to location
Start Time	15:00	End Time	17:30
		Comment	MIRU. Flow tbg well into flowback tank. Wait on H2S scavenger. SDFD
Start Time	17:30	End Time	18:00
		Comment	c/travel.
Report Start Date	Report End Date	24hr Activity Summary	
8/15/2014	8/15/2014	Pressure tbg to 3100 psi	
Start Time	05:30	End Time	06:00
		Comment	c/travel
Start Time	06:00	End Time	07:00
		Comment	Safety meeting.
Start Time	07:00	End Time	17:30
		Comment	. Bleed down well to tank. Pump 60 bbls water down tbg w/ H2S scavenger. ND well head. NU BOP's. RD rig floor. Unset PKR. RU hot oiler & pump 60 bbls water w/ H2S scavenger. TOH w/ 132-jts 2 7/8 tbg. SN & PKR. PU & RIH w/ guided collar. X/N nipple, tbg sub, X/O, PKR, ON/Off tool, SN & 132-jts 2 7/8 tbg. Drop STD valve. Pressure up on tbg to 3000 psi. Pressure dropped to 2650 psi, collar was leaking. Bleed off pressure to tighten collar. Pressure tbg to 3100 psi. Watch for 30 min. Pressure dropped to 2300 psi. Pressure tbg back to 3000 psi. Leave over weekend. SDFD @ 4:30PM. Send crew in to office to do time.
Start Time	17:30	End Time	18:00
		Comment	c/travel.
Report Start Date	Report End Date	24hr Activity Summary	
8/18/2014	8/18/2014	pressure keeps dropping	
Start Time		End Time	
Start Time	05:30	End Time	06:00
		Comment	c/travel
Start Time	06:00	End Time	07:00
		Comment	Safety meeting
Start Time	07:00	End Time	18:00
		Comment	. Pressure dropped to 1400 psi over weekend. Pump pressure back up to 3000 psi. Pressure dropped 40-60 psi every 15 min. Bleed off pressure. PU & RIH w/ sandline & fish STD valve. Drop new STD valve. Pressure up on tbg to 3000 psi. Pressure dropped to 2100 psi in 2 hrs. Bleed off pressure. RIH w/ sandline & swab knuckle to seat STD valve into SN. TOH w/ sandline & pressure up tbg to 3000 psi. Pressure dropped to 2050 psi in 2 hrs. RIH w/ sandline & fish STD valve. Failed to catch STD valve. RIH to attempt to catch STD valve. Pulled STD valve out of hole. Flush tbg w/ 25 bbls water. Drop new STD valve & pressure test tbg to 3000 psi. Pressure dropped to 2800 psi. Leave pressure on tbg over night. SDFD
Start Time	18:00	End Time	18:30
		Comment	c/travel.
Report Start Date	Report End Date	24hr Activity Summary	
8/19/2014	8/19/2014	Pressure test	
Start Time		End Time	
Start Time	05:30	End Time	06:00
		Comment	c/ travel
Start Time	06:00	End Time	07:00
		Comment	safety meeting
Start Time	07:00	End Time	18:00
		Comment	. TBG pressure was 1500 psi. Pressure up on tbg to 3000 psi. Watch pressure for 30 min. Pressure held good. RIH w/ sandline and retrieve STD valve. Rd rig floor. ND BOP's. NU well head. Pump 60 bbls water mixed w/ pkr fluid. Set pkr CE @ 4'108" w/ 15000 tension. Fill csg w/ 60 bbls water mixed w/ pkr fluid & pressure up on csg to 1500 psi. Pressure dropped to 1200 psi. Pressured csg up to 1500 psi. SDFD



Job Detail Summary Report

Well Name: Mon 33-10-9-16

Start Time	18:00	End Time	18:30
Report Start Date	Report End Date	24hr Activity Summary	
8/20/2014	8/20/2014	MIT	
Start Time	05:30	End Time	06:00
Start Time	06:00	End Time	07:00
Start Time	07:00	End Time	10:00
Report Start Date	Report End Date	24hr Activity Summary	
8/26/2014	8/26/2014	Conduct MIT	
Start Time	08:00	End Time	08:30
Comment On 08/25/2014 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/26/2014 the csg was pressured up to 124.1 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 925 psig during the test. There was not a State representative available to witness the test.			

NEWFIELD

Schematic

Well Name: Mon 33-10-9-16

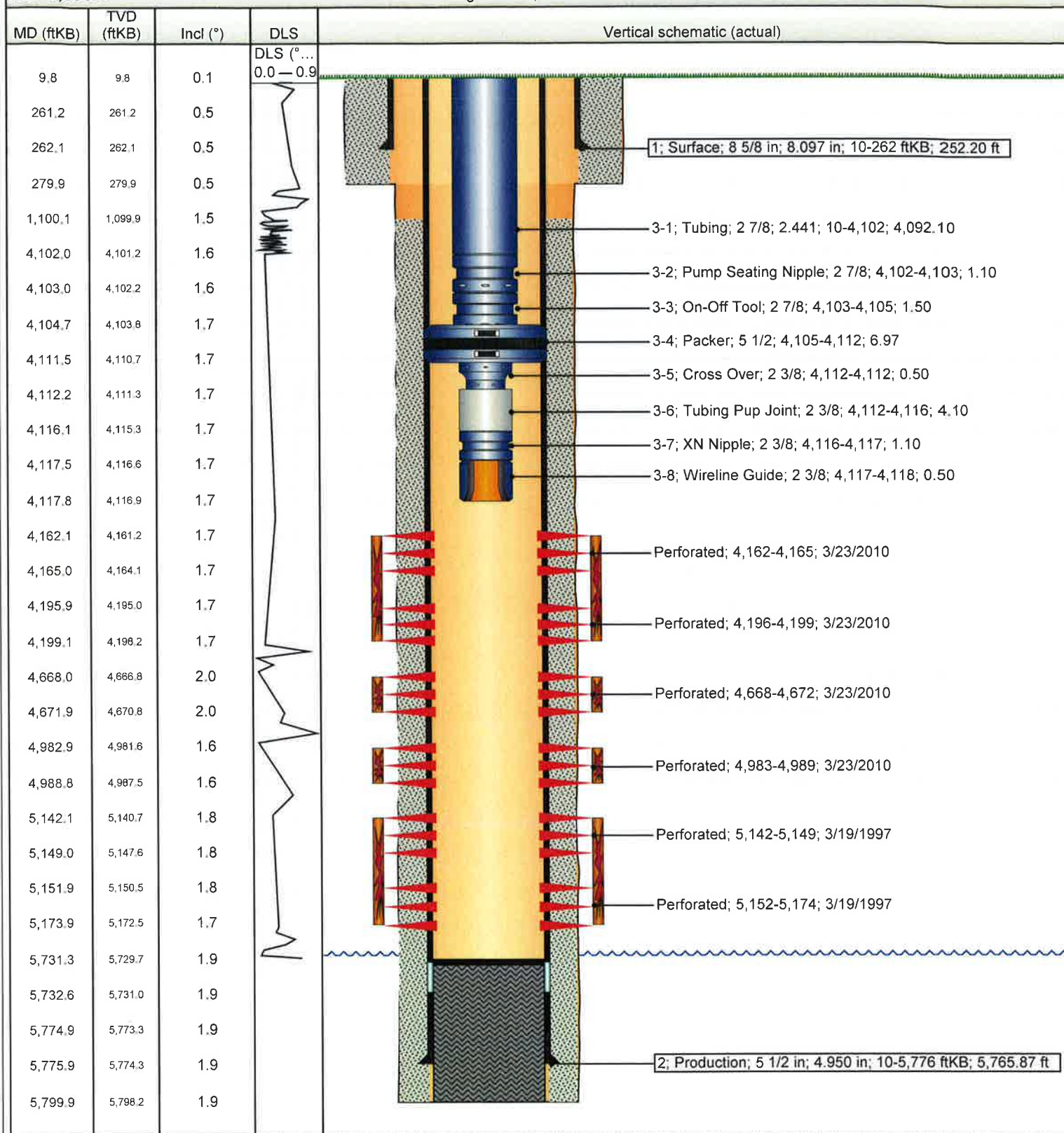
Surface Legal Location 10-9S-16E		API/UWI 43013317220000		Well RC 500151754	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date 3/1/1997	Rig Release Date 3/8/1997	On Production Date 4/3/1997	Original KB Elevation (ft) 5,656	Ground Elevation (ft) 5,646	Total Depth All (TVD) (ftKB)		PBTB (All) (ftKB) Original Hole - 5,731.4	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 8/14/2014	Job End Date 8/26/2014
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TD: 5,800.0

Vertical - Original Hole, 8/27/2014 9:20:02 AM



NEWFIELD**Newfield Wellbore Diagram Data
Mon 33-10-9-16**

Surface Legal Location 10-9S-16E		API/UWI 43013317220000		Lease	
County DUCHESNE		State/Province Utah		Field Name GMBU CTB5	
Well Start Date 3/1/1997		Spud Date 3/1/1997		Final Rig Release Date 3/8/1997	
Original KB Elevation (ft) 5,656		Ground Elevation (ft) 5,646		On Production Date 4/3/1997	
Total Depth (ftKB) 5,800.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,731.4	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	3/1/1997	8 5/8	8.097	24.00	J-55	262
Production	3/8/1997	5 1/2	4.950	15.50	J-55	5,776

Cement**String: Surface, 262ftKB 3/1/1997**

Cementing Company		Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 280.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% CaCl ₂ +1/4#/sx Cello Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 10.0

String: Production, 5,776ftKB 3/8/1997

Cementing Company		Top Depth (ftKB) 1,100.0	Bottom Depth (ftKB) 5,800.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 10% G-1 + 6#/sx BA-91 +.5% Sod met +2#/sx Kolseal +1/4#/sx Cello Flake		Fluid Type Lead	Amount (sacks) 160	Class Premium Lite Plus	Estimated Top (ftKB) 1,100.0
Fluid Description w/ 2% gel +1/4#/sx Cello Flake +2#/sx Kolseal		Fluid Type Tail	Amount (sacks) 330	Class 50/50 Poz	Estimated Top (ftKB) 3,500.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					8/14/2014		4,117.8	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	134	2 7/8	2.441	6.50	J-55	4,092.10	9.9	4,102.0
Pump Seating Nipple	1	2 7/8				1.10	4,102.0	4,103.1
On-Off Tool	1	2 7/8				1.50	4,103.1	4,104.6
Packer	1	5 1/2				6.97	4,104.6	4,111.6
Cross Over	1	2 3/8				0.50	4,111.6	4,112.1
Tubing Pup Joint	1	2 3/8				4.10	4,112.1	4,116.2
XN Nipple	1	2 3/8				1.10	4,116.2	4,117.3
Wireline Guide	1	2 3/8				0.50	4,117.3	4,117.8

Rod Strings

Rod Description		Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
4	GB4, Original Hole	4,162	4,165	3	120	0.360	3/23/2010
4	GB6, Original Hole	4,196	4,199	3	120	0.360	3/23/2010
3	D1, Original Hole	4,668	4,672	3	120	0.360	3/23/2010
2	B2, Original Hole	4,983	4,989	3	120	0.360	3/23/2010
1	G-5, Original Hole	5,142	5,149	4			3/19/1997
1	G-5, Original Hole	5,152	5,174	4			3/19/1997

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,400		27.8	2,750			
2	3,600	1.15	15.0	5,315			
3	2,243	0.91	15.0	6,737			
4	1,864	0.88	15.0	6,945			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 83048 lb
2		Proppant White Sand 10045 lb
3		Proppant White Sand 14395 lb
4		Proppant White Sand 27460 lb